रजिस्ट्री सं. डी एल—33001/2000

REGISTERED No. DL—33001/2000

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० 34] नई दिल्ली, शनिवार, अगस्त 19, 2000 (श्रावण 28, 1922)

No. 34] NEW DELHI, SATURDAY, AUGUST 19, 2000 (SRAVANA 28, 1922)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 19th August 2000

ADDRESS AND JURISDICTION OF THE OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Mumbai, Delhi and Chennai having Territorial Jurisdiction on a Zonal basis as shown below :—

Patent Office Branch,
Todi Estates, IIIrd Floor,
Lower Parel (West),
Mumbai-400 013.

The States of Gujarat, Maharashtra, Madhya Pradesh and Goa and the Union Territories of Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE"
Phone No. 482 5092
Fax No. 022 495 0622.

Patent Office Branch,
Unit No. 401 to 405, IIIrd Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh and Delhi and the Union Territory of Chandigarh.

Telegraphic address "PATENTOFIC"
Phone No. 578 2532
Fax No 011 576 6204

Patent Office Branch,
Wing 'C' (C-4, A),
IIIrd Floor, Rajaji Bhavan,
Besant Nagar, Chennai-600 090

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and Pondicherry and the Union Territories of Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS"
Phone No. 490 1495
Fax No. 044 490 1492

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th & 7th
Floors, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"
Phone No. 247 4401
Fax No. 033 247 3851.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 1999 or the Patents Rules, 1972 as amended by the Patents (Amendment) Rules, 1999 will be received only at the appropriate offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 19 अगस्त 2000

पेटेन्ट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित तथा मुम्बई, दिल्ली एवं चैन्नई में इसके शाखा कार्यालय हैं जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टांडी इस्टेट,
तीसरा तल, लोअर परेल (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
[illegible] राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता-"पेटोफिस"

फोन : 482 5092 फैक्स : 022 4950 622

पेटेंट कार्यालय शाखा,
एनेक्स सं. 401 से 405, तीसरा तल,
[illegible]
[illegible] मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिक"
फोन : 578 2532 फैक्स : 011576 6204

पेटेन्ट कार्यालय शाखा,
ब्लॉक सी (सी-4, ए),
तीसरा तल, राजाजी भवन, बसन्त नगर,
चैन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनिदिवि द्वीप ।

तार पता - "पेटेंटोफिस"
फोन : 490 1495 फैक्स : 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"
फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किये जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक में नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

THE PATENT OFFICE BRANCH, CHENNAI
NATIONAL PHASE APPLICATION FOR PATENT UNDER PCT CHAPTER-I

(FILED FROM 1-5-2000 TO 31-5-2000)

1. National Phase Application No. IN/PCT/2000/00065/CHE dated 1-5-2000.
2. Corresponding PCT Application No. PCT/JP99/04594 dated 26-8-99.
3. Priority Document No. Japan 10-241713.
4. Priority Document Date 27-8-98.
5. Name of Applicant. KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL LTD.).
6. Title of Invention : Method for operating moving hearth reducing furnace.

---

1. National Phase Application No. IN/PCT/2000/00066/CHE dated 2-5-2000.
2. Corresponding PCT Application No. PCT/CH98/00524 dated 9-12-98.
3. Priority Document No. Switzerland 1997 2963/97.
4. Priority Document date 23-12-1997.
5. Name of Applicant : FERAG AG.
6. Title of Invention : Conveying system.

---

1. National Phase Application No. IN/PCT/2000/00067/CHE dated 2-5-2000.
2. Corresponding PCT Application No. PCT/US99/20352 dated 3-9-99.
3. Priority Document No. US 60/098,924.
4. Priority Document Date 3-9-98.
5. Name of Applicant : UNIVERSITY OF FLORIDA.
6. Title of Invention : Novel methods and apparatus for improved filtration of submicron particles.

---

1. National Phase Application No. IN/PCT/2000/00068/CHE Dated 3-5-2000.
2. Corresponding PCT Application No. PCT/EP99/06632 Dated 8-9-99.
3. Priority Document No. Europe 98203101.5
4. Priority Document Date 17-9-98.
5. Name of Applicant : KONINKLIJKE PHILIPS ELECTRONICS NV.
6. Title of Invention : Luminaire.

1. National Phase Application No. IN/PCT/2000/00069/CHE Dated 4-5-2000.

2. Corresponding PCT Application No. PCT/US99/17737 Dated 6-8-99.

3. Priority Document No. US 09/130,154.

4. Priority Document Date 6-8-98.

5. Name of Applicant : CYBERSETTLE. COM. INC.

6. Title of Invention : Computerized dispute resolution system and method.

---

1. National Phase Application No. IN/PCT/2000/00070/CHE Dated 5-5-2000.

2. Corresponding PCT Application No. PCT/JP99/07140 Dated 20-12-99.

3. Priority Document No. Japan 10-36251.

4. Priority Document Date 21-12-98.

5. Name of Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.

6. Title of Invention : Apparatus and method for time stamping using modulo time base and time increment resolution.

---

1. National Phase Application No. IN/PCT/2000/00071/CHE Dated 8-5-2000.

2. Corresponding PCT Application No. PCT/JP99/05260 Dated 27-9-99.

3. Priority Document No. Japan 10-273304.

4. Priority Document Date 28-9-98.

5. Name of Applicant : MITSUBISHI DENKI KABUSHIKI KAISHA.

6. Title of Invention : An antenna feeding circuit.

---

1. National Phase Application No. IN/PCT/2000/00072/CHE Dated 11-5-2000.

2. Corresponding PCT Application No. PCT/CH98/00533 Dated 11-12-98.

3. Priority Document No. Europe 978110161.

4. Priority Document Date 23-12-97.

5. Name of Applicant : INCENTIO AG.

6. Title of Invention : Cable elevator with a drive plate.

---

1. National Phase Application No. IN/PCT/2000/00073/CHE Dated 12-5-2000.

2. Corresponding PCT Application No. PCT/EP99/03868 Dated 4-6-99.

3. Priority Document No. German 198 36 463.6.

4. Priority Document Date 12-8-98.

5. Name of Applicant : MASCHINENFABRIK REINHAUSEN GMBH.

6. Title of Invention : Step switch with selector.

---

1. National Phase Application No. IN/PCT/2000/00074/CHE Dated 12-5-2000.

2. Corresponding PCT Application No. PCT/JP99/05240 Dated 24-9-99.

3. Priority Document No. Japan 10.270974.

4. Priority Document Date 25-9-98.

5. Name of Applicant : KEI MORIGUCHI.

6. Title of Invention : Rising kiln tyre drying apparatus and furnace equipped with the same.

---

1. National Phase Application No. IN/PCT/2000/00075/CHE Dated 12-5-2000.

2. Corresponding PCT Application No. PCT/EP99/00555 Dated 28-1-99.

3. Priority Document No. Europe 98810069.9.

4. Priority Document Date 30-1-98.

5. Name of Applicant : NOVARTIS AG.

6. Title of Invention : Nasal solutions.

---

1. National Phase Application No. IN/PCT/2000/00076/CHE Dated 15-5-2000.

2. Corresponding PCT Application No. PCT/US99/04799 Dated 5-3-99.

3. Priority Document No. US 09/158,584.

4. Priority Document Date 22-9-98.

5. Name of Applicant : BORDEN CHEMICAL INC.

6. Title of Invention : Phenol novolacs with improved optical properties.

---

1. National Phase Application No. IN/PCT/2000/00077/CHE Dated 16-5-2000.

2. Corresponding PCT Application No. PCT/US98/26834 Dated 17-12-98.

3. Priority Document No. USA 60/071,468 & 09/010,675.

4. Priority Document Date 24-12-97 & 22-1-98.

5. Name of Applicant : KIMBERLY CLARK WORLDWIDE INC.

6. Title of Invention : Paper products and methods for applying chemical additives to cellulosic fibers.

---

1. National Phase Application No. IN/PCT/2000/00078/CHE Dated 16-5-2000.

2. Corresponding PCT Application No. PCT/US98/26759 Dated 16-12-98.

3. Priority Document No. 08/991,644.

4. Priority Document Date : 16-12-97.

5. Name of Applicant : KIMBERLY CLARK WORLDWIDE INC.

6. Title of Invention : Optical diffraction biosensor.

---

1. National Phase Application No. IN/PCT/2000/00079/CHE Dated 16-5-2000.

2. Corresponding PCT Application No. PCT/EP98/08335 Dated 18-12-98.

3. Priority Document No. GB 9726989.8.

4. Priority Document Date 22-12-97.

5. Name of Applicant : NOVARTIS AG.

6. Title of Invention : Thiazole isothiazole and thiadiazole derivatives having microbicidal and plant immunizing activities.

---

1. National Phase Application No. IN/PCT/2000/00080/CHE Dated 17-5-2000.

2. Corresponding PCT Application No. PCT/FR99/02236 Dated 21-9-99.

3. Priority Document No. France 98/11730.

4. Priority Document Date 21-9-98.

5. Name of Applicant : FUGRO FRANCE.

6. Title of Invention : Underwater exploration device.

1. National Phase Application No. IN/PCT/2000/00081/CHE Dated 19-5-2000.

2. Corresponding PCT Application No. PCT/SE98/02238 Dated 8-12-98.

3. Priority Document No. Sweden 9704753.4.

4. Priority Document Date 17-12-97.

5. Name of Applicant ; HALDEX GARPHYTTAN AKTIEBOLAG.

6. Ttitle of Invention : Cold drawn wire and method for the Manufacturing of such wire.

---

1. National Phase Application No. IN/PCT/2000/00082/CHE Dated 19-5-2000.

2. Corresponding PCT Application No. PCT/JP98/05513 Dated 7-12-98.

3. Priority Document No. Japan Hei 9-354754.

4. Priority Document Date 24-12-97.

5. Name of Applicant: MITSUBISHI DENKI KABUSHIKI KAISHA.

6. Title of Invention : A method for speech coding, method for speech decoding and their apparatuses.

---

1. National Phase Application No. IN/PCT/2000/00083 Dated 22-5-2000.

2. Corresponding PCT Application No. PCT/CH98/00526 Dated 9-12-98.

3. Priority Document No. Swiss 2965/97.

4. Priority Document Date 23-12-97.

5. Name of Applicant . FERAG AG.

6. Title of Invention : Conveyor device.

---

1. National Phase Application No. IN/PCT/2000/00084/CHE Dated 22-5-2000.

2. Corresponding PCT Application No. PCT/SE99/01463 Dated 26-8-99.

3. Priority Document No. Sweden 9802864-0 & 9803871-4.

4. Priority Document Date 27-8-98 & 11-11-98.

5. Name of Applicant : PHARMACIA & UPJOHN AB.

6. Title of Invention : Therapeutic formulation for administring tolterodine with controlled release.

---

1. National Phase Application No. IN/PCT/2000/00086/CHE Dated 24-5-2000.

2. Corresponding PCT Application No. PCT/EP98/08133 Dated 11-12-98.

3. Priority Document No. Europe 97203915.0.

4. Priority Document Date 12-12-97.

5. Name of Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.

6. Title of Invention : Process of liquefying a gaseous, methane-rich feed to obtain liquefied natural gas.

---

1. National Phase Application No. IN/PCT/2000/00087/CHE Dated 25-5-2000.

2. Corresponding PCT Application No. PCT/EP99/06640 Dated 8-9-99.

3. Priority Document No. Europe 98203248 4.

4. Priority Document Date 28-9-98.

5. Name of Applicant : KONINKLUKE PHILIPS ELECTRONICS N.V.

6. Title of Invention : Lighting system.

---

1. National Phase Application No. IN/PCT/2000/00088/CHE Dated 25-5-2000.

2. Corresponding PCT Application No PCT/EP99/07015 Dated 17-9-99.

3. Priority Document No. Europe 98203247.6 & 99200723.7.

4. Priority Document Date 28-9-98 & 10-3-99.

5. Name of Applicant : KONINKLIJKE PHILIPS ELECTRONICS N.V.

6. Title of Invention · Lighting system.

---

1. National Phase Application No. IN/PCT/2000/00089/CHE Dated 29-5-2000.

2. Corresponding PCT Application No. PCT/DE99/02877 Dated 10-9-99.

3. Priority Document No. Germany 198 52 785.3.

4. Priority Document Date 28-9-99.

5. Name of Applicant : ROBERT BOSCH GMBH.

6. Title of Invention : Ceramic glow plug.

---

1. National Phase Application No. IN/PCT/2000/00090/CHE Dated 30-5-2000.

2. Corresponding PCT Application No. PCT/JP99/05237 Dated 27-9-99.

3. Priority Document No. Japan Hei 10-278698.

4. Priority Document Date 30-9-98.

5. Name of Applicant : SHINAGAWA REFRACTORIES CO. LTD.

6. Title of Invention : Unburned carbon-containing refractory and molten metal container.

---

1. National Phase Application No. IN/PCT/2000/00091/CHE Dated 31-5-2000.

2. Corresponding PCT Application No. PCT/AU98/01019 Dated 9-12-98.

3. Priority Document No. Australia PP 0835.

4. Priority Document Date 10-12-97.

5. Name of Applicant WILLIAM A COOK AUSTRALIA PTY. LTD.

6. Title of Invention : Endoluminal aortic stents.

---

1. National Phase Application No. IN/PCT/2000/00092/CHE Dated 31-5-2000.

2. Corresponding PCT Application No. PCT/JP98/05580 Dated 10-12-98.

3. Priority Document No. Japan 339695/1997.

4. Priority Document Date 10-12-97.

5. Name of Applicant : IDEM ITSU KOSAN CO., LTD.

6. Title of Invention : Method for preparing catalyst.

NATIONAL PHASE APPLICATION FILED IN THE PATENT OFFICE BRANCH DELHI FOR PATENT UNDER PCT (CHAPTER-1)

FROM 1-5-2000 TO 31-5-2000

National Phase Application No. IN/PCT/2000/00030/DEL dated 2-5-2000.

Corresponding PCT Application No. PCT/US99/19427 dated 30-8-99.

Priority document No. 09/145.891, U.S.

Priority document date 2-9-98.

Name of Applicant: General Electric Company.

Title of Invention: High Excurstion Ring Seal.

National Phase Application No. IN/PCT/2000/00031/DEL dated 2-5-2000.

Corresponding PCT Application No. PCT/US99/19428 dated 30-8-99.

Priority document No. 09/145.890, U.S.

Priority document date: 2-9-98.

Name of Applicant: General Electric Company.

Title of Invention : "Nested Bridge Seal".

National Phase Application No. IN/PCT/2000/00032/DEL dated 8-5-2000.

Corresponding PCT Application No. PCT/RU95/00329 dated 7-9-99.

Priority document No. 98116701, RU.

Priority document date 9-9-98.

Name of Applicant : Alexander Fedorovich, Luku.

Title of Invention : "Telephone network for a structured item in telephone communication system between remote structured items units this network".

National Phase Application No. IN/PCT/2000/00033/DEL dated 8-5-2000.

Corresponding PCT Application No. PCT/US99/21086 dated 15-9-99.

Priority document No. 09/154.875, US.

Priority document date 17-9-98.

Name of Applicant : General Electric Company.

Title of Invention: Man Manchine Interface for a virtual lockout tagout panel display.

National Phase Application No. IN/PCT/2000/00034/DEL dated 8-5-2000.

Corresponding PCT Application No. PCT/US99/21226 dated 15-9-2000.

Priority document No. 09/156.167, U.S.

Priority document date : 17-9-98.

Name of Applicant : General Electric Company.

Title of Invention : Man-Machine Interface for a custom tabular display.

National Phase Application No. IN/PCT/2000/00035/DEL dated 8-5-2000

Corresponding PCT Application No PCT/EP99/05896 dated 11-8-99.

Priority document No. 19845476.7 EP.

Priority document date 2-10-98.

Nome of Applicant : AEG Niecterspannungstechinik GmbH & Company, K.G.

Title of Invention : Magnet System.

National Phase Application No. IN/PCT/2000/00036/DEL dated 9-5-2000.

Corresponding PCT Application No. PCT/EP99/05913 dated 11-8-99.

Priority document No. 19846578.5.

Priority document date 9-10-98.

Name of Applicant : AEG Niederrpannungstechinik GmbH & Company K.G.

Title of Invention : Electric Device with a connection clip and areccivis fixture for a second electric device.

National Phase Application No. IN/PCT/2000/00037/DEL 11-5-2000.

Corresponding PCT Application No. PCT/EP99/05895 dated 11-8-99.

Priority document No. 19846 219.0.

Priority document date 7-10-98.

Name of Applicant : AEG Niederspannungstechinik GmbH & Company K.

Title of Invention : Power Switch.

National Phase Application No. IN/PCT/2000/00038/DEL dated 11-5-2000.

Corresponding PCT Application No. PCT/US98/26544 dated 14-12-98.

Priority document No. 09/001,410, U.S.

Priority document date 31-12-97.

Name of Applicant : Telecruz Technology, Inc.

Title of Invention : A Method & Apparatus for reducing filicker in the television display of network application data.

National Phase Application No. IN/PCT/2000/00039/DEL dated 11-5-2000.

Corresponding PCT Application No. PCT/US97/26545 dated 14-12-98.

Priority document No. 09/001.304, U.S.

Priority document date 31-12-97.

Name of Applicant : Telecruz Technology, Inc.

Title of Invention: Flicker filter & Intulacer implemented in a television system displaying network applicant data.

National Phase Application No. IN/PCT/2000/00040/DEL dated 15-5-2000.

Corresponding PCT Application No. PCT/UP99/05894 dated 11-8-99.

Priority document No. 198 46 577.7, EP.

Priority document date 9-10-98.

Name of Applicant : AEG Niederspannungstechinik GmbH & Company K.G.

Title of Invention : Electric Appliance Comprising a connecting clip seat for forming a connection with a second electric appliance.

National Phase Application No. IN/PCT/2000/00041/DEL dated 19-5-2000.

Corresponding PCT Application No. PCT/GB98/03871 dated 22-12-98.

Priority document No. PCT/GB98/03871.

Priority document date 22-12-98.

Name of Applicant : MSA Engineering system Limited.

Title of Invention : Wirelaying Tool.

National Phase Application No. IN/PCT/2000/00042/DEL dated 19-5-2000.

Corresponding PCT Application No PCT/EP98/08134 dated 14-12-98.

Priority document No. 60/069,441.

Priority document date 15-12-97.

Name of Applicant : Shell International Research Maatschappii B.V.

Title of Invention : Method to produce aromatic carboxylic acids.

National Phase Application No. IN/PCT/2000/00043/DEL dated 23-5-2000.

Corresponding PCT Application No. PCT/EP99/05897 dated 11-899.

Priority document No. 19846.576 9.

Priority document date 9-10-98.

Name of Applicant : AEG Niederspunnungstechnik GmbH & Company.

Title of Invention : Lead-sealable locking device.

ALTERATION OF DATE UNDER SECTION-16

184399 Ante-dated to 05th January 1994 (1548/Cal/98).

184401 filed on 10-09 90. 901/Del/90. Ante dated to 18-09-87.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी निबंधक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम-36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फाइल कर दिए जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियां की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30 रुपए प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपए प्रति पृष्ठ धन 30 रुपए की अदायगी पर की जा सकती है।

Ind Cl. : 27 I, E, F. 184381

Int. Cl.[4] : E 04 B 1/00.

A MTHOD OF CONSTRUCTING BUILDING OR SHELTER.

Applicant & Inventor : SHRI KRISHNA AN INDIAN CITIZEN OF 105 METTU STREET, AYANAVARAM, MADRAS-600 023, INDIA.

Application No. 413/Mas/94 dated May 18, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

12 Claims

A method of constructing a Building or a Shelter comprising :

(i) assembling a monolithic rigid portal unit made up of integrated portal Frame, wind Bracing and purlin structurals made of metal alloys having elongated rolled/moulded sections, such as angles, pipes, plates or bars flats such that the said sections are spaced apart and braced together throughout the length thereof by means of angles pipes plates and bars;

(ii) anchoring the portal frame structurals of the monolithic rigid portal unit to a foundation such as bored under reamed pile foundation footing foundation reinforced cement concrete or steel columns bearing walls or simply anchoring to earth;

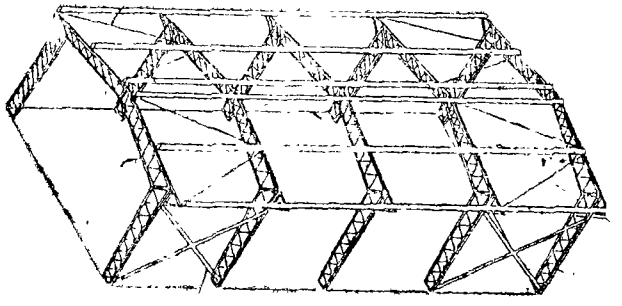
(iii) tying the portal frame structurals at the top by purlin structurals and wind bracing structurals provided with adjusters;

(iv) tying the portal frame structurals laterally by wind bracing structurals provided with adjusters;

(v) laying a roof as herein described on the monolithic rigid portal unit;

(vi) constructing walls/partitions as herein described for enclosing partitioning space.

Ref. cited : (1) Indian Patent No. 158,441 (2) Indian Patent Application No. 412/Mas/94.



(Compl. Specn. : 22 pages; Drgns. : 10 sheets)

Ind. Cl. : 205 B, F, G. 184382

Int. Cl.[4] : B 29 D 30/08.

A PROCESS FOR THE MANUFACTURE OF A TYRE.

Applicant : COMPAGNIE GENERALE DES ESTABLISSEMENTS MICHELIN—MICHELIN & CIE, 12, COURS SABLON, 63040, CLERMONT-FERRAND CEDEX, FRANCE, A FRENCH COMPANY.

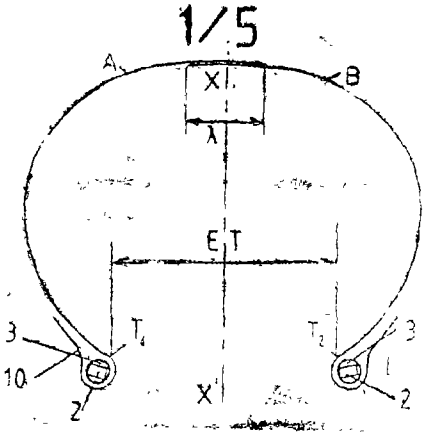
Inventor : JEAN BILLIERES.

Application No. 452/Mas/94 filed on 30th May 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

12 Claims

A process for the manufacture of a tyre, comprising the steps of making a toroidal carcass reinforcement body (1) comprising at least one ply, by helical winding of a cord or cable around a building core N which has been previously covered with at least one rubber mix (4'), followed by at least one circumferential cut on the radially inner surface of the torus thus formed, and the folding around anchoring bead wires (2) of the carcass reinforcement (1), previously positioned on the surface of the torus, of the portions of reinforcements obtained on both sides of the cut, then completing the body of the tyre, characterised in that the helical winding is effected on a non-deformable, non-dismantlable annular monobloc building core N having a meridian section the profile of which, at least in its sidewall portions between the points of tangency to the bead wires and the points of tangency to the crown reinforcement, is parallel to the meridian profile of the innermost carcass reinforcement ply as it is in the vulcanisation mould of the tyre, the two body halves obtained after cutting on the radially outer surface of the core N being separated axially by moving apart by simultaneous grasping supporting and handling means, having axially inner walls presenting at least in the region of the sidewalls, a meridian profile identical to the meridian profile of the outermost carcass reinforcement ply, possibly covered with layers (4") and profiles (4) of rubber mix, completing the toroidal body, said axial separation permitting the removal of the core, and the two body halves being then brought axially towards each other and connected followed by finishing the tyre body.



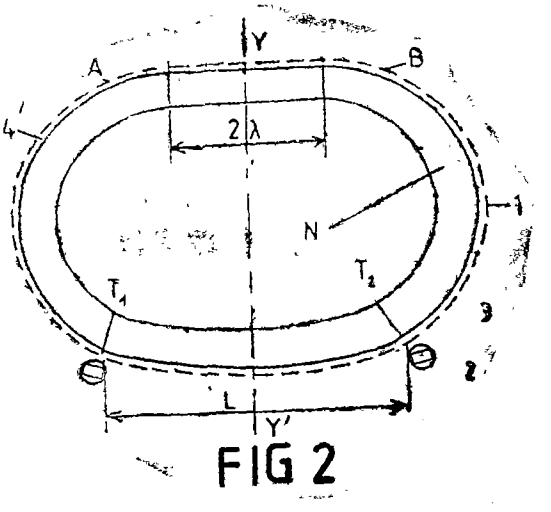


FIG 2

(Compl. Specn. : 23 pages; Drgns. : 5 sheets)

Ind. Cl. : 9 E. 184383

Int. Cl.[4] : C 22 C 16/00.

A METHOD FOR MANUFACTURING A DELAYED HYDRIDE CRACKING RESISTANT SEAMLESS TUBE MADE OF ZIRCONIUM ALLOY.

Applicant : KOREA ATOMIC ENERGY RESEARCH INSTITUTE, OF 150 DUCKJIN-DONG, YOOSUNG-KU, DAEJEON-SI, REPUBLIC OF KOREA; A CORPORATION ORGANIZED UNDER THE LAWS OF REPUBLIC OF KOREA.

Inventors :
1. KIM SEONG-SU
2. KIM DAE-WHAN
3. HONG JOON-WHA
4. KANG YOUNG-WHAN.

Application No. 569/Mas/94 filed on 28th June, 94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

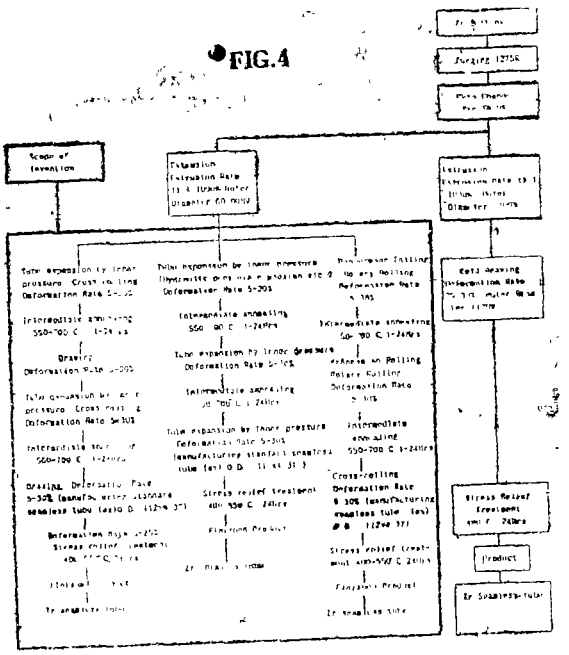
07 Claims

A method for manufacturing a delayed hydride cracking resistant zirconium alloy (Zircaloy-2, Zircaloy-4, Zr-2.5% Nb, pure Zr etc.) seamless pressure tube, comprising the steps of :

making a seamless pressure tube having a diameter smaller than the final size by applying a high temperataure extrusion and/or drawing; and

expanding the tube at a temperature below 600°C without causing a significant phase shift and without causing a deformation of the deforming fixture.

FIG.4



(Compl. Specn. : 17 pages; Drgns. : 09 sheets)

Ind. Cl. : 99 E. 184384

Int. Cl.[4] : B 65 D 88/12.

A FREIGHT CONTAINER.

Applicant : THE CRONOS GROUP S.A, 16 ALLEE MARCONI, L-2120, LUXEMBOURG, (A CORPORATION ORGANIZED UNDER THE LAWS OF LUXEMBOURG).

Inventor . ANTHONY BRUNDLE.

Application No. 599/Mas/94 filed on 6th July 1994.

Convention No. 9315234.6 on 22nd July 1993 in GB.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

A freight container of generally cuboidal shape comprising a pair of sides which define lateral extremities of the container and extend between ends of the container, the exterior surfaces of the pair of sides being spaced apart by a greater distance along their middle portions than along their end portions which are joined to the ends of the container, whereby the overall exterior width of the container is less at the end portions than at the middle portions, wherein the internal width measured between the middle portions of the sides is more than 2400 mm but the overall thickness of each of the middle portions of the sides is less than 75 mm and the overall exterior width measured at the middle portions of the sides is less than 2470 mm.

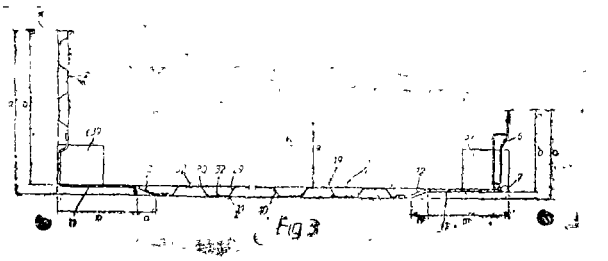


Fig 3

(Compl. Specn. : 19 pages; Drgns. : 3 sheets)

Ind. Cl. 83 A 1. 184385

Int. Cl.[4] : A 23 G 1/14.

AN APPARATUS FOR MIXING COMPONENTS FOR THE PRODUCTION OF CHOCOLATE MASS.

Applicant : CALLEBAUT N.V. OF AALSTERSESTRAAT 124, B-9280 LEBBEKE-WIEZE, BELGIUM; A BELGIAN COMPANY.

Inventors :

1. FRANS CALLEBAUT
2. RUDY BRUYLAND

Application No. 729/Mas/94 filed on 03rd August 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

16 Claims

An apparatus for mixing components for the production of chocolate mass having an essentially cylindrical conche vessel (10), and, especially in a main chamber (12) thereof, a central main shaft (19) which is rotatable about a horizontal axis, on which main shift (19) are arranged mixing tools (22, 23) and having wiping members (24, 25) running around on an inner surface of the conche vessel (10) in the peripheral direction, characterised by further mixing members inside the conche vessel (19) which are effective with an independent drive outside of the area of movement of the mixing tools (22, 23) and the wiping members (24, 25).

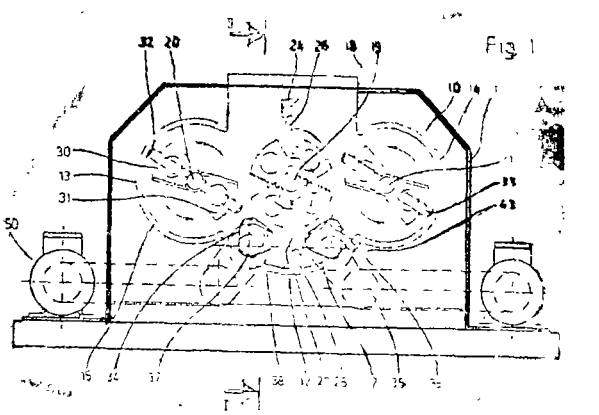


Fig 1

(Compl. Specn. : 17 pages; Drgns. : 03 sheets)

Ind. Cl. : 89. 184386

Int. Cl.[4] : G 01 L 1/00.

IMPROVED IMPACT TESTING MACHINE FOR MEASURING DYNAMIC FRACTURE TOUGHNESS OF ENGINEERING MATERIALS.

Applicant : INDIAN SPACE RESEARCH ORGANISATION, DEPARTMENT OF SPACE ANTARIKSH BHAVAN, NEW BEL ROAD, BANGALORE-560 094, KARNATAKA, INDIA, (AN ORGANISATION OF THE GOVT. OF INDIA).

Inventors :

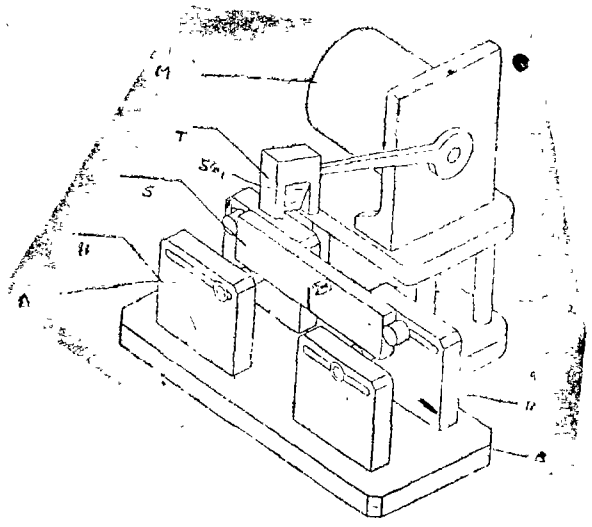
1. PRABHAKAR RAMAMOORTHY MARUR
2. PARAMESWARAN SIVASANKARAN NAIR

Application No. 762/Mas/94 filed on 11th August 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

An improved impact testing meachine for measuring dynamic fracture toughness of engineering materials comprising at least two adjustable holder means mounted on a base frame to grip a specimen to be tested, a stepper motor connected through an indexer/controller and programmer, to power supply means, for driving the said stepper motor according to predetermined programme the said stepper motor being provided with a striker arm having a tup provided with a strain gauge thereon, the said specimen also being provided with a strain gauge, each of the said strain gauges being parallelly connected to individual transient signal amplifiers, and then to a digital storage means to transmit and store the impact of the tup on the specimen when the stepper motor is energised.



(Compl. Specn. : 11 pages; Drgns. : 2 sheets)

Ind. Cl. : 195 C1D. 184387

Int. Cl.[4] : F 16 K 1/30.

A GAS CONTAINER VALVE.

Applicant : KOSAN TEKNOVA A/S, A COMPANY ORGANIZED UNDER THE LAWS OF DENMARK OF NO. 9 MOLLEVEJ, DK-2990, NIVAA, DENMARK.

Inventor : VILLY EBERT KRYGER.

Application No. 868/Mas/94 filed on 06 September 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

07 Claims

A gas container valve (1) for a container for liquified gas comprising a valve housing (2) with a detachably mounted bushing (7) with a valve seat, an elongate valve body (4) which is displaceable in a bore (14) in the valve housing, said valve body comprising a valve head (5), a valve spring (6) biassing the valve body against the valve seat in the out flow direction of the gas, and a second valve seat (9) and valve head (8) placed upstream of the valve seat (3) and the valve head (5), characterized in that the first valve head (5) is detachably mounted on the valve body (4), that the second valve head (8) is mounted on the valve body (4), that the valve spring (6) is positioned between the first (5) and the second (8) valve heads, one end engaging an abutment (10) in the bore (14) of the valve housing (1) and the other end engaging the valve body (4), and in that the valve spring (6) brings the second valve head (8) to sealing contact with the second valve seat (9) when the bushing (7) has been dismantled.

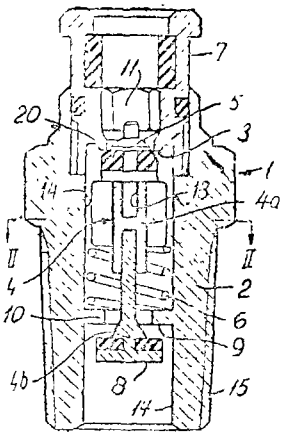


FIG. 1

(Compl. Specn. : 11 pages; Drgns. : 02 sheets)

Ind. Cl. : 35 C. 184388

Int. Cl.[4] : C 04 B 28/00.

A CEMENT COMPOSITION FOR MANUFACTURING CEMENT PRODUCTS.

Applicant : HYPERLAST LIMITED, STATION ROAD, BIRCH VALE, STOCKPORT, CHESHIRE SK12 5BR, ENGLAND, (A COMPANY DULY INCORPORATED AND ORGANISED IN ACCORDANCE WITH THE LAW OF ENGLAND AND WALES).

Inventor : JONATHAN LINCOLN BROWN.

Application No. 904/Mas/94 filed on 15th September 1994.

Convention No. 9319205.2 on 16th September 1993 in GB.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

16 Claims

A cement composition for manufacturing cement products comprising 100 parts by weight of alumina cement, 10 to 100 parts by weight of an aqueous polymer precursor emulsion (Component A), and 15 to 600 parts by weight of a hemi-hydrate gypsum (Component B).

(Compl. Specn. : 16 Pages; Drgns. Nil Sheet)

Ind. Cl. : 128 A. 184389

Int. Cl.[5] : A 61 F 13/18.

AN ABSORBENT ARTICLE.

Applicant : KIMBERLY-CLARK WORLDWIDE INCORPORATED, A US COMPANY OF 401 NORTH LAKE STREET, NEENAH, WISCONSIN 54956, U.S.A.

Inventors :
1. RICHARD WARREN TANZER
2. FRANK PAUL ABUTO
3. STANLEY ROY KELLENBERGER
4. DANIEL RICHARD LAUX
5. BRIAM KEITH NORTMAN
6. WILLIAM SEAL POMPLUN
7. CARL GERARD RIPPL
8. MARK LOUIS ROBINSON
9. LORRY FRANCIS SALLEE
10. WEN ZYO SCHROEDER
11. SANDRA MARIE YARBROUGH
12. DAVID LOUIS ZENKER.

Application No. : 928/Mas/1994 filed on 22 September 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

26 Claims

An absorbent article (10), comprising :

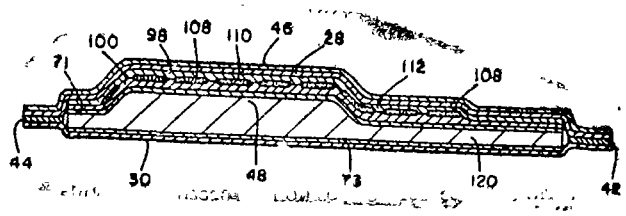
a first, liquid-permeable carrier layer (98) and at leasat a second carrier layer (100);

water-sensitive carrier attaching means (102) for securing together said carrier layers at substantially attached zones (104) thereof, said carrier layers (98, 100) having substantially unattached zones (106) providing a plurality of pocket regions (108) with said substantially attached zones located between said pocket regions;

high-absorbency material (110) located within said pocket regions to provide an absorbent laminate (112); and

airlaid matrix fibers (132) dispersed within said high-absorbency material in said pocket regions, said matrix fibers present in an average amount which is not more than 10 weight percent, as determined with respect to the total weight of the absorbent material contained in the pockets;

wherein, said water-sensitive carrier attaching means in said substantially attached zones (104) provides a wet strength adequate to hold said carrier layers (98, 100) together when wet, and wherein said wet strength is less than a separataing force imparted by a swelling of said high-absorbency material (110) when said high-absorbency material is exposed to an aqueous liquid.



(Compl. Specn. 85 Pages; Drngs. 12 Sheets)

Ind. Cl. : 164 A, C. 184390

Int. Cl.[4] : C 02 F 11/14.

APPARATUS FOR DEWATERING ORGANIC SEWAGE SLUDGE, INDUSTRIAL SLUDGE AND SPECIAL WASTE SLUDGE OF VARYING COMPOSITION BY PRESSURE.

Applicant : MULLER UMWELTTECHNIK GMBH & CO KG., OF INDUSTRIESTRASSE 3, 32816 SCHIEDERSCHWALENBERG, GERMANY; A GERMAN COMPANY.

Inventors :
1. WOLFGANG MULLER
2. DIRK HERZOG.

Application No. : 949/Mas/1994 filed on 30 September 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

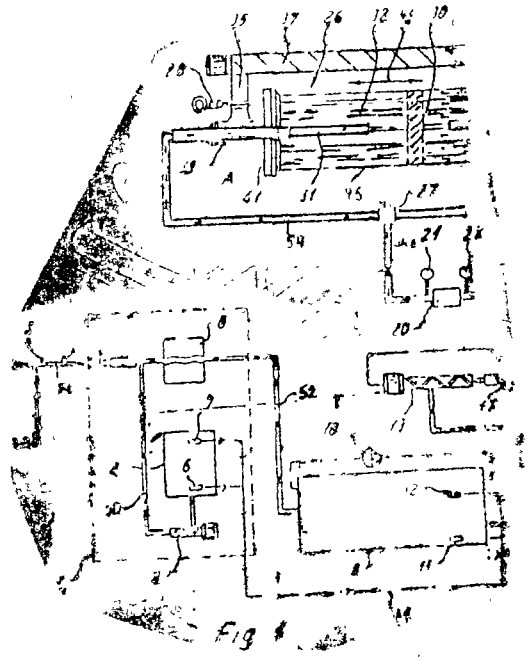
An apparatus for dewatering organic sewage sludge, industrial sludge and special waste sludge of varying composition by pressure, said apparatus comprising :

a fully automatic sludge conditioning unit;

a fully automatic sludge feeding unit cooperating with said sludge conditioning unit for supplying conditioned sludge;

a pressure reactor receiving conditioned sludge from said feeding unit, and having a press plunger reciprocating on filter candles between axial end retainer plates for conveying formed dewatered filter cake; and

discharge means for removing the filter cake from said pressure reactor, said discharge means having a riser pipe located outside of each of said retainer plates and incorporating a motor-driven discharge valve, and a screw conveyor mounted above said pressure reactor and communicating with said riser pipes for further transport of the filter cake to a container.



(Compl. Specn. 18 Pages; Drwng. 03 Sheets)

Int. Cl. : B 29 C 45/02, 45/46. 184391

Ind. Cl. : 136 E XIII.

METHOD OF PRODUCING INTEGRATED CIRCUIT WITH ENCASED LEAD FRAMES AND APPARATUS FOR PRODUCING THE SAME.

Applicant : BOSCHMAN HOLDING B.V. OF NIEUWGRAAF 123, P.O. BOX 200, NL-6921 RL DUIVEN, THE NETHERLANDS.

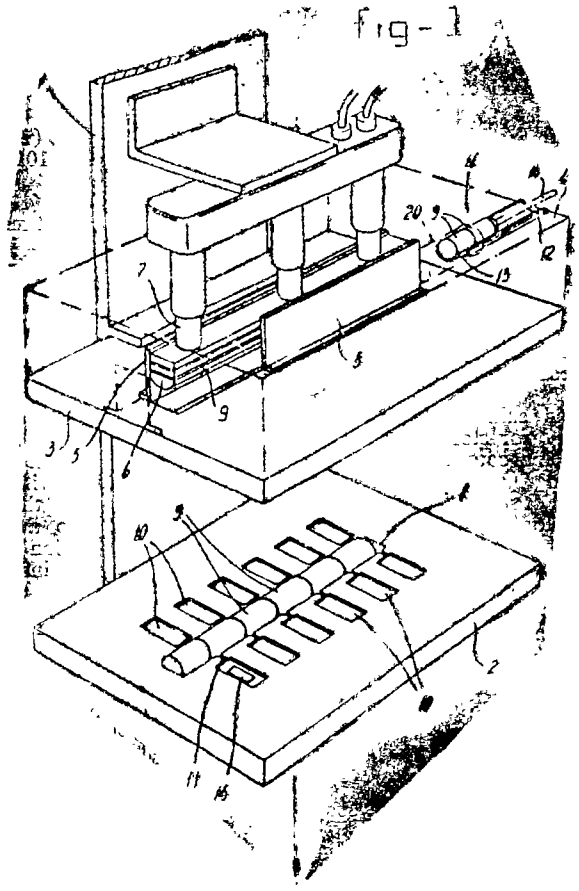
Inventor : BOSCHMAN, EVERARDUS HENDRIKUS.

Application No. : 588/Cal/95 filed on 25-5-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

13 Claims

A method of producing integrated circuit with encased lead frames', said integrated circuit being arranged in two mould cavities of a mould which are located opposite one another in rows, by melting a plastic material in an elongated distribution channel located between said rows and moving the molten material from the distribution channel to the mould cavity using a plunger means, such as herein described, wherein the plastic material is supplied in tablet form characterised in that each plastic tablet is fed along a path which is perpendicular or nearly perpendicular to the direction of movement of the plunger and parallel or nearly parallel to the longitudinal centre line of the mould cavity.



(Compl. Specn. 13 Pages; Drgns. 02 Sheets)

Ind. Cl. : 179 F/179 G [X L (6)]. 184392

Int. Cl.[6] : B 67 D1/02, 5/56, 5/62.

A BEVERAGE DISPENSER WITH IMPROVED DISPENSING AND COOLING CAPACITY.

Applicant : LANCER CORPORATION, OF 235 W. TURBO, SAN ANTONIO TEXAS 78216, U.S.A.

Inventor : JOHN THOMAS HAWKINS.

Application No. 589/Cal/95 filed on 25-5-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

A beverage dispenser with improved dispensing and cooling capacity comprising in a housing (11) defining a cooling chamber (12) having a cooling fluid contained therein;

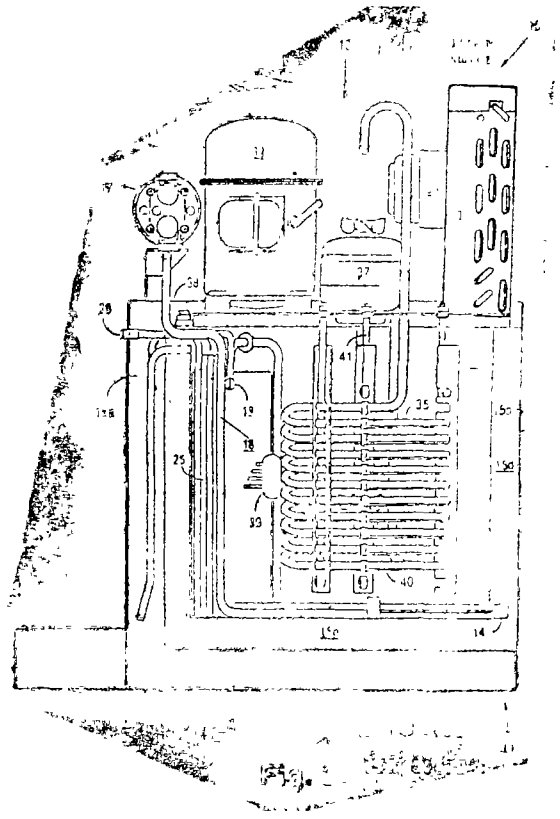
dispensing valves (16 A-D) mounted on said housing (11);

a water line (14) for communicating water to said dispensing valves (16A-D) wherein said water line (14) is substantially completely disposed in the bottom of said cooling chamber (12) and has a serpentine configuration defining channels (42—62) that direct the flow of unfrozen cooling fluid towards a front portion and a rear portion of said cooling chamber (12);

Product lines (25-28) positioned in front of said cooling chamber (12) for communicating product to said dispensing valves (16A-D);

a refrogeration unit (13) mounted over said cooling chamber (12), said refrigeration unit (13) having an evaporator coil (35) extending into said cooling chamber (12) for freezing cooling fluid thereabout; and;

an agitator (37, 40) for circulating unfrozen cooling fluid along a circuitous path about the interior and exterior of the cooling fluid slab.



(Compl. Specn. 22 Pages; Drgns. 03 Sheets)

Ind. Cl. : 129C XXXV. 184393

Int. Cl.[6] : B 23 B 31/08, 41/04,
B 23 P 15/28.

A DRILLING TOOL FOR CHIP BREAKING MACHINING OF METALLIC MATERIALS.

Applicant : SANDVIK AB. OF S-811 81 SANDVIKEN, SWEDEN.

Inventor : BLOMBERG TORSTEN AND SANDBERG LARS.

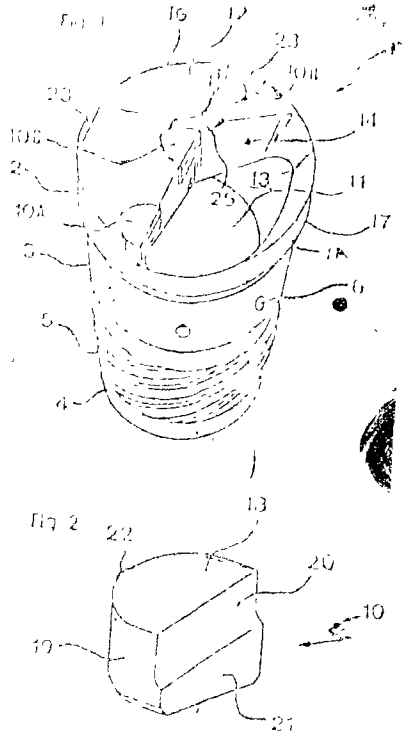
Application No. 640/Cal/95 filed on 5-6-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

6 Claims

Drilling tool for chip breaking machining of metallic materials comprising a drill body (1A) of substantially cylindrical tube form, whose one end comprises an inner cavity

having an opening (15) and whose other end is an operative top side which is provided with atleast one cemented carbide cutting inserts (10) which are soldered in insert seats or pockets (7, 8, 9) characterized in that the insert seats or pockets (7, 8, 9) and the cutting inserts (10) are tangentially located in the top side of the drill body, and that the rear abutment sides of the insert seat or pockets (7, 8, 9) and the corresponding rear abutment sides (19) of the cutting inserts have rounded substantially semi-circular shape.



(Compl. Specn. 10 Pages; Drgns. 3 Sheets)

Ind. Cl. : 187 C 184394

Int. Cl.[4] : H 03 K-17/693

IMPROVED INTEGRATED NETWORK SWITCH.

Applicant : HARRIS CORPORATION, OF 1025 NASA BLVD. MS 80, MELBOURNE, FLORIDA 32919, U.S.

Inventors :

1. WEIR, STEVEN. P.
2. BELL, KAREN.
3. MONTESCHIO, JOHN.
4. MUEGGE, SHAD. H.
5. STOLP, MARK D.
6. HENDERSON, PAUL, A.

Application No. 656/Cal/95 filed on 9-6-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

An integrated network switch for switching signals comprising peripheral cards (51) connected to port group buses (52) which are combined at port group (53) to form port group cables (54), each group cable connected to a peripheral shell link interface Unit (55), each adopted to interface with a matching peripheral Interface Unit (PIU) (56), and a time-switch, said Peripheral Shell Link Interface Unit (55) comprises cable high-speed link P-Link cable (905) to the PIU a debug connector and power supply connect, the P-Link interfacing with transmit and receive buffers (96, 98) and a micro-controller (97), PSLI clock recovery logic (907) operationally connected to assembly buffer (904), timeslot counter (91) and P-Link (905) to provide basic receive synchronization, the assembly buffer (904), which acts as a elastic store buffer whose writer pointer is adopted to be controlled by PSLI clock recovery logic (907), the micro-controller being connected to a timeslot address register (91) operationally associated with buffer (96), the assembly buffer (904) connected to a set of latches (901/99) through a parallel to a serial converter (903) and an inter-leave formatter (902), said PSLI including a serial to parallel converter (92), channel format memory (90), operationally connected to multiplexers in two layers MXUer (93, 95) which are operationally connected to dual port group (900) which is associated with the said latches (99),

said PIU comprising a P-Link side and MXU side,

said P-Link side being made of link input buffer (1010), operationally connected to frame buffer (1012 and 1014)

through redundant crossover PCMX and SIGS (1040), the said buffer being in operational association with timeslot counter (1016) and clock frame recovery logic (1018),

the MXU side representing signalling facilities (1042, 1050, 1026 arbitration logic (1028), micro-controller (1030) and receiving facilities (1032, 1034) and also provided with latches (1022) and a driver (1020) connected to the said timeslit counter (1016),

and said time-switch comprising an information memory (121) for storing source data from the ports connected to a timeslot counter (125) and connection memory (123) for storing port-port connection data interconnected with the timeslot counter and the information memory through function register (131), operationally connected to a comparator (133) and writer pointer (125), said function register having a function bit register (137) to process information to the memory (121), and wherein said network switch is adopted to switch signals in either full-frame or half-frame modes.

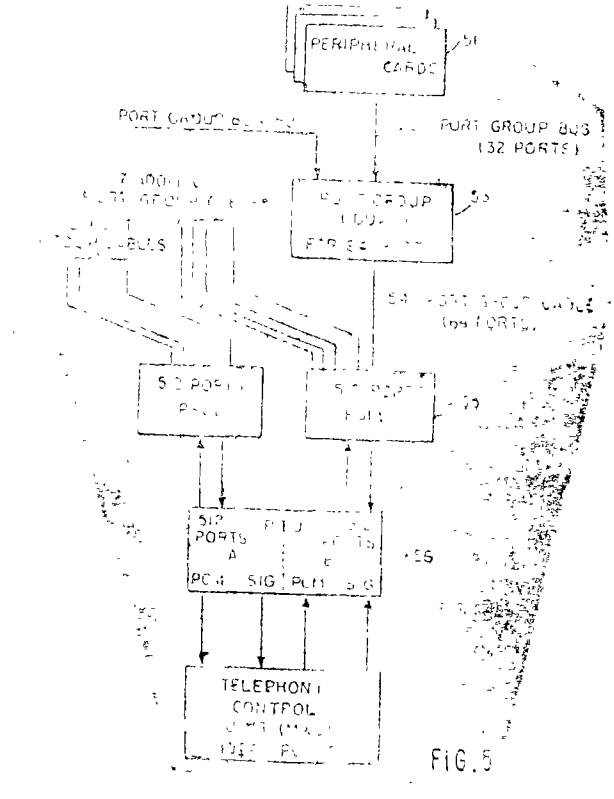


FIG. 5

Compl. Specn 75 Pages; Drgns. 12 Sheets

Ind. Cl. : 9 F 184395

Int. Cl.[4] : B 01 J 19/00

PROCESS AND APPARATUS FOR THE DIRECTIONAL SOLIDIFICATION OF A MELT.

Applicant : SIMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2.80333 MUENCHEN, GERMANY.

Inventors :

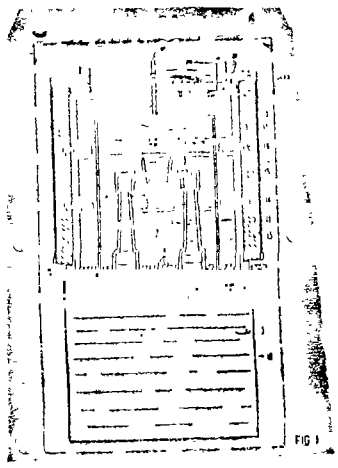
1. ROBERT SINGER.
2. THOMAS FITZGERALD.
3. PETER KURG.

Application No. 925/Cal/95 filed on 8-8-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

25 Claims

Process for a directional solidification of a melt (1) of a first metal such as herein described in a casting mould (2), comprising preparation of the melt (1) in the casting mould (2) at a first temperature above the melting point of the first metal and subsequent cooling of the melt (1) in the casting mould (2) by dipping the casting mould (2) into a bath (3) of a liquid second metal such as herein described having a second temperature which is below the melting point of the first metal, characterized in that, said process comprises the step of covering the bath (3) by a floating flowable covering layer (4) consisting of a thermally insulating bulk material (5, 6) such as herein described and dipping of the casting mould (2) together with the melt (1) into the bath (3), through said covering layer (4).



Compl. Specn. 19 Pages; Drgns. 3 Sheets

Ind. Cl. : 146 D. 184396

Int. Cl.[4] : G 03 B 21/43.

PROJECTION-LENS DRIVING APPARATUS WITH A TIMING BELT.

Applicant : DAEWOO ELECTRONICS CO. LTD., OF 541, 5-GA, NAMDAEMOON-RO JUNG-GU, SEOUL REPUBLIC OF KOREA.

Inventors :

DONG-HEE LEE.

JUN-HYUN PARK.

Application No. 1070/Cal/95 filed on 8-9-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

A projection-lens driving apparatus for use in a 3-beam projector contained in a housing provided with an upper and a lower faces, comprising :

an upper plate (20) fixed to the upper face of the housing and provided with a pair of straight motion guide slots (22) and a pair of vertical motion guide slots (24);

an upper projection-lens holder (18) having a top and a bottom surfaces that are parallel to each other, a pair of side surfaces that are parallel to each other, a front and a rear surfaces that are also parallel to each other, the top surface thereof being provided with a pair of fixed parts (48) and a pair of guide slots (12'), the upper projection-lens holder (18) further including a boss (60) on each of the side surfaces thereof, each of the bosses (60) being identically shaped and sized, each of the bosses (60) further being identically located on each of the side surfaces thereof facing each other, each of the bosses (60) including a vertical inserting hole (61);

a pair of cross links (26), each of the cross links (26) including a pair of link pieces (46, 46') articulated about a hinge point (47), wherein the upper projection-lens holder (18) is mechanically connected to the upper plate (20) through the pair of cross links (26) in such a way that a lower end of the one link piece (46') in each pair of link pieces (46, 46') in each of the cross links (26) is coupled to one of the fixed parts (48) on the upper projection-lens holder (18), an upper end thereof being fitted to one of the vertical motion guide slots (24) of the upper plate (20), and a lower end of the other link piece (46) in the same pair is fitted to a corresponding one of the guide slots (12') of the upper projection-lens holder (18), an upper end thereof being fitted to a corresponding one of the straight motion guide slots (22) of the upper plate (20);

a pair of lower projection-lens holders (14) located on the lower face of the housing, running parallel to each other, each of the lower projection-lens holders (14) being provided with a top and a bottom surfaces that are parallel to each other, a pair of side surfaces that are parallel to each other, a front and a rear surfaces that are also parallel to each other, each of the lower projection-lens holder (14) having a pair of trace slots (12) on the top surface thereof and a horizontal inserting hole (59);

a guide bracket (38) fixed to the housing and positioned between the upper and the lower projection-lens holders (18, 14), the guide bracket (38) including a top and a bottom surfaces and provided with two pairs of guide protrusions (39) on the bottom surface thereof, wherein each pair of the guide protrusions (39) is fitted into the pair of trace slots (12) on the top surface of each of the lower projection-lens holders (14), thereby mechanically connecting the guide bracket (38) with the pair of lower projection lens holders (14);

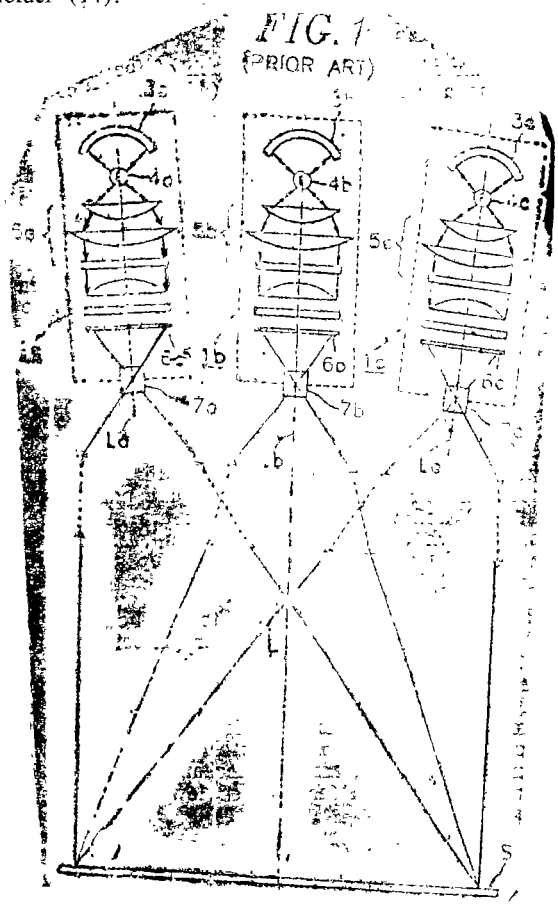
a sliding plate (70) located on the upper surface of the guide bracket (38);

an upper guide member (34) sliding on the sliding plate (70), the upper guide member (34) including a top and a bottom surfaces and provided with a pair of engaging pins (44), a first threaded hole (40) with a predetermined depth located at its centre longitudinally, wherein one end of each of the engaging pins is attached on the top surface of the upper guide member (34), each of the engaging pins (44) extending upward and inserted into each of the vertical inserting holes (61) on each of the bosses (60) on the upper projection-lens holder (18), thereby mechanically connecting the upper guide member (34) with the upper projection-lens holder (18);

a lower guide member (36) positioned between the lower projection-lens holders (14), the lower guide member (36) including a pair of coupling rods (58) and a feed screw inserted boss (56) with a second threaded hole (56'), wherein one end of each of the coupling rods (58) is attached on the feed screw inserted boss (56), each of the coupling rods (58) pointing horizontally in an opposite direction from each other and each of the coupling rods (58) being inserted into the horizontal inserting hole (59) in each of the lower projection-lens holders (14), thereby mechanically connecting the pair of lower projection-lens holders (14) together with the lower guide member (36);

a driving means (31) divided into a first driving means (32) for driving the upper guide member (34) and a second driving means (32') for driving the lower guide member (36), the first driving means (32) including a motor (28), a motor shaft (50), a first gear (52), and a first feed screw (30) and the second driving means (32') having a second gear (52') and a second feed screw (30'), each of the gears (52, 52') being coupled by a timing belt (54) so as to transfer the driving force of the first driving means (32) to the second driving means (32'), wherein the first and the second feed screw (30, 30') are respectively engaged into the first threaded hole (40) of the upper guide member (34) and the second threaded hole (56') of the lower guide member (36) so that rotation of the motor (28) will cause an integrated movement of the upper and the pair of lower projection-lens holder (18, 14); and

one or more of stabilizing means (80) to enhance the stability in the movement of the pair of flower projection-lens holder (14).



Compl. Specn. 19 Pages; Drgns. 5 Sheets

Ind. Cl. : 22, 136 C. 184397

Int. Cl.[1] : B 65 D 1/04.

BLOW MOULDED PLASTIC CONTAINER.

Applicant : PEPSICO. INC. OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, U.S.A.

Inventor : EMERY IMRE VALYI.

Application No. 1577/Cal/95 filed on 5-12-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patesnt Rules, 1972), Patent Office, Calcutta.

13 Claims

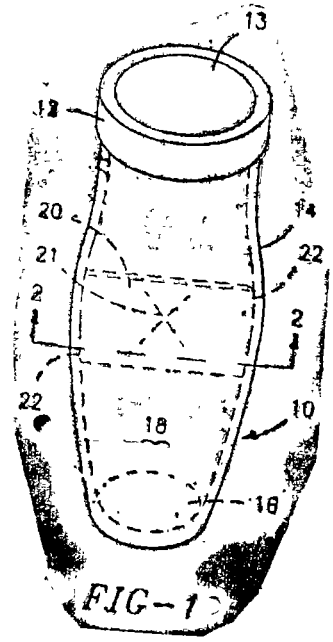
A blow-moulded plastic container prepared from a molded plastic preform, said container comprising a blow molded, biaxially oriented plastic container (64) having a neck portion (65) defining an opening, a bottom portion (67) and a body portion (68) integral with and interconnecting the neck portion (65) and the bottom portion (67), said neck, body and bottom portions defining a hollow space (73) closed at the bottom and open at the neck portion, and at least one internal member (72) extending completely across said hollow space (73);

characterised in that :

said internal member (72) is separate from the blow molded plastic container;

said internal member (72) is provided with edge portions (54) firmly joined to the body portion (68) in axial direction of the container; and

said edge portions (54) of the internal member (72) engage said body portion (68) in said axial direction of the container.



(Compl. Specn. : 29 pages; Drgns. : 6 sheets)

Ind. Cl. : 80 H. 184398

Int. Cl.[4] : C 13 D 3/00.

A METHOD FOR PRODUCING PURIFIED AQUEOUS SUGAR SOLUTION.

Applicant CYTEC TECHNOLOGY CORP. OF 1105 NORTH MARKET STREET, WILMINGTON, STATE OF DELAWARE 19801, UNITED STATES OF AMERICA.

Inventors :
1. MICHAEL W. COVILLE
2. QI DAI.

Application No. : 1031/Cal/98 filed on 10-6-98.

(Convention No. 08/874, 427 on 13-6-97 in U.S.A.).

Appropriate Office for Opposition Proceedings (Rule 4, Patesnt Rules, 1972), Patent Office, Calcutta.

7 Claims

A method for producing purified aqueous sugar solution comprising contacting said sugar solution with 1 to 10 ppm of a hydrolyzed polyacrylamide such as herein described having a molecular weight of at least about 10,000,000 and a degree of hydrolysis of between about 10 to about 50 mole % for a period of about 5 minute to about 1 hour to form a floc and removing said floc using physical separation process to yield the said purified sugar solution, wherein said sugar solution is at about 50°C to about 120°C when admixed with the hydrolyzed polyacrylamide.

(Compl. Specn. : 31 pages; Drgns. : 3 sheets)

Ind. Cl. : 206E. 184399

Int. Cl.[6] : H 04 M 1/06.

AN APPARATUS FOR THE RECEPTION OF COMPRESSED AUDIO/VIDEO (A/V) PACKET SIGNALS.

Applicant : THOMSON CONSUMER ELECTRONICS, INC. OF 600 NORTH SHERMAN DRIVE, INDIANAPOLIS, INDIANA 46201, UNITED STATES OF AMERICA.

Inventors :

1. JOHN WILLIAM CHANEY
2. KELVIN ELLOTT BRIDGEWATER.

Application No. : 1548/Cal/98 filed on 28-8-98.

(Divided out of No. 1059/Cal/94 ante-dated to 5-1-94).

Convention No. 9400101.3 on 5-1-94 in Great Britain.

Appropriate Office for Opposition Proceedings (Rule 4, Patesnt Rules, 1972), Patent Office, Calcutta.

7 Claims

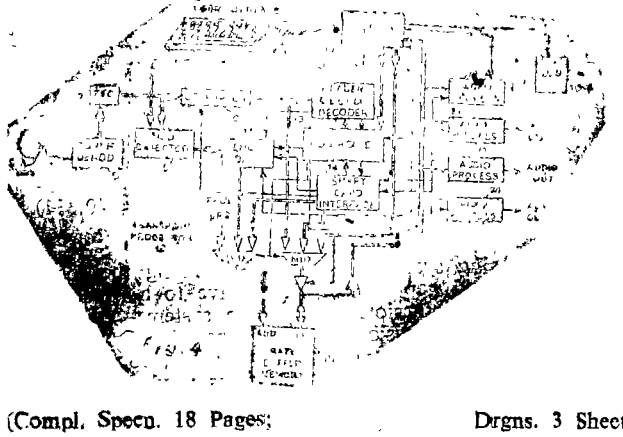
An apparatus for the reception of compressed audio/video (A/V) packet signals time multiplexed with program guide information, said A/V signa's transmitted in packet format with respective A/V components identified by respective SCIDs, said program information being transmitted in a master guide packet signal including limited viewing information relating to a predetermined period and also transmitted in a special guide packet signal including expanded viewing information related to a relatively long viewing period compared with said predetermined viewing period, said apparatus comprisng :

a detector for detectng transmitted said A/V packet signals with time division multiplexed program guide information;

a transport processor coupled to said detector for selecting signal packets of desired A/V packet signals, master guide packet signals and special guide packet signals, said transport processor separating payload information from respective packets;

a video signal decompressor coupled to said transport processor for decompressing A/V program video signal components, said video signal decompressor including memory means for use in decompressing compressed video signal, a memory interface for writing compressed video payloads to said memory means and a microprocessor interface for communicating data to said decompressor and for accessing data from said memory means;

a microprocessor for multiplexing said memory means by conditioning said transport processor to select A/V program signal packets to said video signal decompressor memory means for decompression, and wherein said microprocessor is also responsive to user control to condition said transport processor to select program guide signal packets and to direct special program guide signal packet payloads in said memory means used in decompressing compressed video.



(Compl. Specn. 18 Pages; Drgns. 3 Sheets)

Ind. Cl. : 55 E4. 184400

Int. Cl.[4] : A 61 K 31/49, A 61 K 35/78.

A PROCESS FOR PREPARING A SYNERGISTIC COMPOSITION FOR THE TREATMENT OF MALARIA.

Applicant : ASHOK RAJGARHIA C/O RAJARRHIA PAPER MILIS (PVT) LIMITED, 15 INDIA EXCHANGE PLACE, CALCUTTA-700001. WEST BENGAL INDIA.

Inventor : ASHOK RAJGARHIA.

Application No. : 536/Cal/99 filed on 11-6-99.

Appropriate Office for Opposition Proceedings (Rule 4, Patesnt Rules, 1972), Patent Office, Calcutta.

3 Claims

A process for preparing a synergistic composition for treatment of malria comprising :

—isolating in a manner as herein described glycyrrhizin from the licorice roots (Glycyrrhizia glabra),

—mixing chloroquine base in the range between .75—1.5 : 4—7 by weight at ambient pressure and temperature to obtain the composition.

(Compl. Specn. : 18 pages; Drgns. : 2 sheets)

Ind. Cl. : 32 F 2b +84 + 140 A8. 184401

Int. Cl.[4] : C 10 L 1/10, 1/14.

A PROCESS FOR THE PRODUCTION OF A COMPOUND USEFUL AS CRYSTAL MODIFIER IN FUELS.

Applicant : EXXON CHEMICAL PATENTS INC., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATE OF AMERICA, OF 1900 EAST LINDEN AVENUE, LINDEN, NEW JERSEY 07036, UNITED STATES OF AMERICA.

Inventor(s) :

1. KENNETH LEWTAS—U.K.
2. EDWIN WILLIAM LEHMANN—U.K.
3. ROBERT DRYDEN TACK—ENGLAND.
4. ALBERT ROSSI—U.S.A.

Application for Patent No. 901/Del/90 filed 10th Sep., 1990.

Convention Application No. 86.22959.8 87.19423/UK., UK.,/24-09-86, 17-08-87.

Divisional out of Patent Application No. 823/Del/87 dt. 18-09-1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

3 Claims

A process for the production of a compound of the general formula 1 of the drawings used as crystal modifiers in fuels in which

—Y R^2 is SO_3 (—) (+) $NR_3^3R^2$, —SO_3 (—) (+) $HNR_2^3R^2$

DO_3 (—) (+) $H_2NR^3R^2$, —SO_3 (—) (+) H_3NR^2,

—$SO_2NR^3R^2$ or —SO_3R^2;

—X—R^1 is —Y—R^2 or —$CONR^3R^1$,

—CO_2 (—) (+) $NR_3^3R^1$, —CO_2 (—) (+) $HNR^3_2R^1$,

—CO_2 (—) (+) $H_2NR^3R^1$, —CO_2 (—) (+) H_3NR^1,

—R^4 — $COOR_1$, —NR^3 COR^1,

—R^4 OR^1, —R^4OCOR^1, —R^4R^1,

—$N(COR^3)R^1$ or Z (—) (+) $NR_3^3R^1$;

—Z(—) is SO_3 (—) or —CO_2 (—);

R^1 and R^2 are alkyl, alkoxy alkyl or polyalkoxy alkyl containing at least 10 carbon atoms in the main chain; R^3 is hydrocarbyl and each R^3 may be the same of different and R^1 is nothing or is C_1 to C_5 alkylene and in the group as shown in the figure II of the drawings the carbon-carbon (C—C) bond is either.

(a) ethylenically unsaturated when A and B may be alkyl, alkenyl or substituted hydrocarbyl groups; or

(b) part of a cyclic structure which may be aromatic, polynuclear aromatic or cyclo-aliphatic.

comprising reacting a compound of the formula X of the drawings where one of D and E is (SO) and the other is carbon or (SO) with a compound selected from amine, alcohol or quaternary ammonium compound such as herein described to provide the groups Y—R^2 and X—R^1 as defined above.

(Compl. Specn. : 52 pages; Drgns : 9 sheets)

Ind. Cl. : 187D, 1, 3, 4, 5Lx1 (2). 184402

Int. Cl.[4] : H04M 1/00, 11/00, 15/00.

MODULAR PUBLIC TELEPHONES MANAGEMENT DEVICE.

Applicant : TELEFONICA BE ESPANA, S.A., A APANISH COMPANY, OF GRAN VIA, 28, 28013 MADRID. SPAIN.

Inventor(s) :

1. MIR CEPRIA JOSE, ES
2. IBANEZ PALOMEQUE, ES

Application for Patent No. 330/Del/91 filed on 16-4-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

7 Claims

A modular public telephones (1) management device comprising :

a plurality of modular public telephones, modular public telephones validation and indentification unites (2) being connected to the said public modular telephones, adaption units connected to the said public modular telephones (1);

an operation system of modular public telephones on a provincial scale;

a centre of validation and billing of credit cards and telephones subscriber cards;

a variable number of maintenance units for the said validation and indentification units (2) of said modular public telephones;

Being connected in a hierachical structure on a provincial and national scale fulfilling the functions thereof in real time with different elements constituting the said device made through the switched telephone Network (6) and the switched packages Network (8) using two different communication protoco's, each of which operates at a different transmission rate.

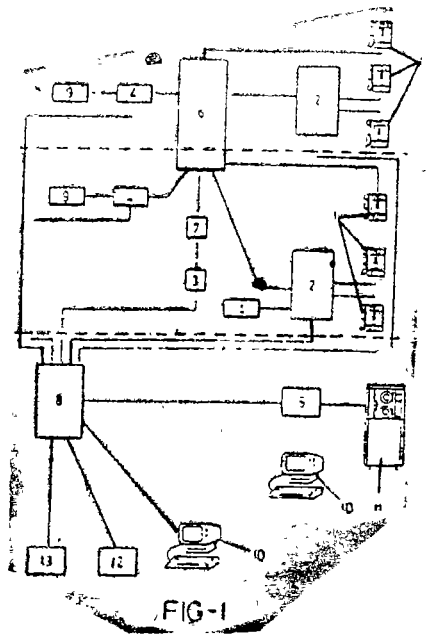


FIG-1

(Compl. Specn. : 18 pages; Drgns. : 1 sheet)

Ind. Cl. : 129 Q. 184403

Int. Cl.[4] : B 23K 26/0.

APPARATUS AND METHOD FOR AUTOMATICALLY ALIGNING A WELDING DEVICE FOR BUTT WELDING WORKPIECES.

Applicant : ARMCO INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF 680 CURTIS STREET, MIDDLETOWN, OHIO 45043, UNITED STATES OF AMERICA.

Inventor(s) :

1. GARY LOUIS NEIHEISEL, U.S.A.
2. WILLIAM WAYNE NAGLE, U.S.A.
3. ROBERT JOHN JUSTICE, U.S.A.
4. BRADLEY RAY HOOVER, U.S.A.

Application for Patent No. 358/Del/91 filed on 23rd April, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

19 Claims

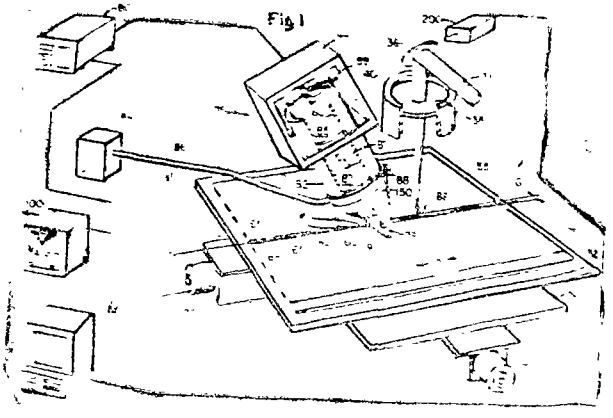
An apparatus for automatically and continuously aligning a welding on cutting device along approximately the center of a continuous gap between confronting proximal edges of at least two workpieces, (55, 56) wherein relative motion between said welding or cutting device and said workpieces (55, 56) along a longitudinal axis (C) substantially parallel to said gap (G) permits welding or cutting of said workpiece by said welding or cutting device, (30, 36, 38, 40, 31) said alingning apparatus comprising :

(a) an imaging system (75) for determining the location of said gap (G) center relative to a predetermind two dimensional coordinate system, wherein an image of a vision area (78) spaced downstream of said welding or cutting device (30, 36, 38, 40, 31) along said longitudinal axis is produced, said vision area (78) spanning said gap (G) and said confronting edges (65, 66) of said workpieces; (55, 56).

(b) receiving and transforming means (77, 78) for receiving and converting said image of said vision area (78) into an output signal (99) representative of the location of said gap (G) center relative to said welding or cutting device; (30, 36, 38, 40, 31).

(c) adjustment means (90, 100) for automatically adjusting the relative positions of said welding or cutting device (30, 36, 38, 31) and said center of said gap (G) in response to said output signal (99) such that said welding or cutting device (30, 36, 38, 31) and said center (C) are continuously aligned at all times; and

(d) isolation means (160, 163) for effectively isolating said vision area (78) from said welding or cutting point (68).



(Compl. Specn. : 40 pages; Drgns. : 2 sheets)

Ind. Cl. : 63 J. 184404

Int. Cl.[4] : F 25 B—3/00.

LEAK PROOF ROTARY EXPANDER.

Applicant : BHARAT HEAVY ELECTRICALS LIMITED BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIAN

Inventor(s) :

1. GADIRAJU RAMA RAJU—INDIAN
2. MUKKAVILLI VENKATA SUBHRAHMANYA SIVA SATYA MUKTA PRASAD—INDIAN
3. RAMUHALLI RAMACHANDRA—INDIAN.

Application for Patent No. 409/Del/91 filed on 10th May, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

A leak proof rotary expander is a device comprising a rotor (1) housed within a casing, said casing having gas inlet (7) and gas outlet (9) connections in flow communication with said rotor (1) characterized in that the said rotor (1) is an elongated cylindrical body mounted eccentrically on its shaft (4') and said rotor (1) has a straight arm (2) extending the length of said body and slidably held in a swivel joint (6) which lies in the vertical axis of the rotor shaft and has a bearing at its central axis.

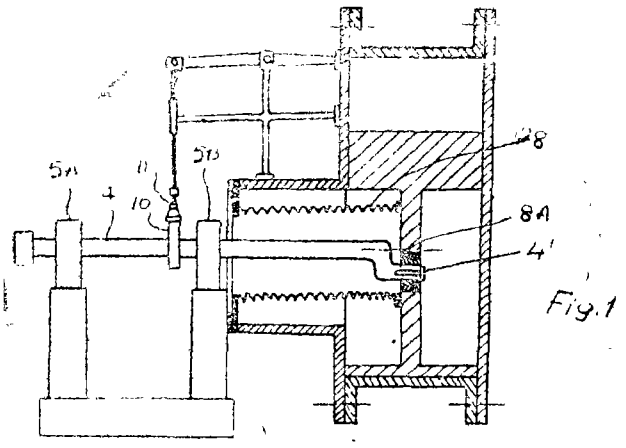


Fig. 1

(Compl. Specn. : 8 pages; Drgns. : 2 sheets)

Ind. Cl. : 73. 184405

Int. Cl.[4] : 145D.

A METHOD OF PRODUCING A NONWOVEN FABRIC.

Applicant : LEONARD ROBERT LEFKOWITZ, A BRITISH CITIZEN OF 14 ALPINE DRIVE, LATHAM, NEW YORK 12100, UNITED STATES OF AMERICA.

Inventor : LEONARD ROBERT LEFKOWITZ (USA).

Application for Patent No. 457/Del/91 filed on 29-5-91.

Divided out of Patent Application No. 232/Del/88 dated 22-3-88.

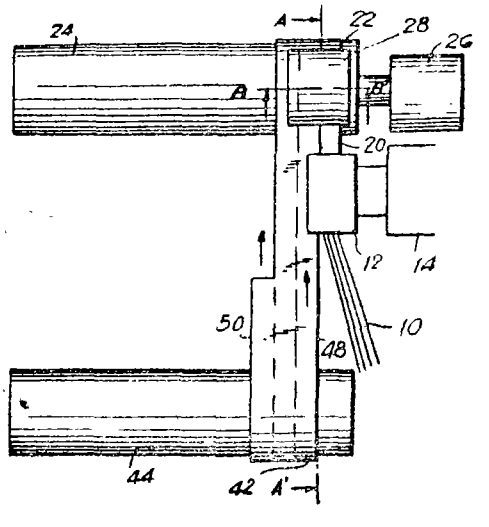
Ante dated to 22-3-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

2 Claims

The method of producing a nonwoven fabric comprising the steps of providing an array of spaced parallel yarns, each said yarn having a polymeric sheath thereto, heating the array to melt the said polymeric material, constraining subsequent flow movement of the said material to predetermined paths extending between said joining adjacent such yarns, and thereafter cooling said polymeric material.

FIG. 1



(Compl. Specn. : 24 pages; Drgns. : 4 sheets)

Ind. Cl. : 40 B & E 184406

Int. Cl.[4] : C 07 C 7/00

PROCESS FOR MANUFACTURING A PURIFIED HYDROCARBON FEED STOCK.

Applicant : EXXON CHEMICAL PATENTS INC, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 1900 EAST LINDEN AVENUE, LINDEN, NEW JERSEY 07036, UNITED STATES OF AMERICA.

Inventors :
CHARLES THOMAS DICKSON (USA),
JANET RAE FITZKE (USA) &
CHRISTOPHER LYNN BECKER (USA).

Application for Patent No. 493/Del/91 filed on 4th June, 91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

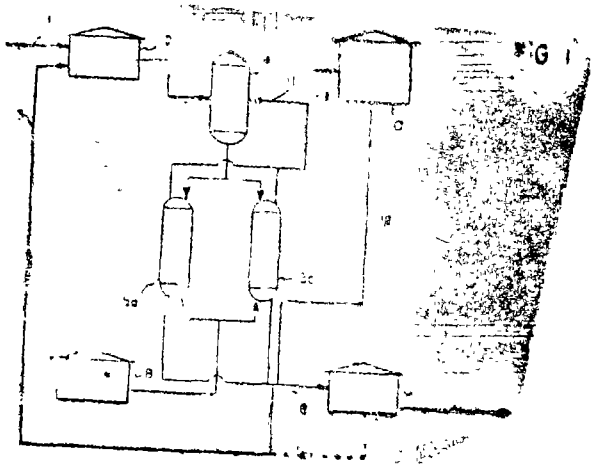
14 Caims

A process for manufacturing a purified hydrocarbon feedstock from a hydrocarbon feedstock containing linear paraffins and at least one impurity selected from the group consisting of aromatic compounds, nitrogen-containing compounds, sulfur-containing compounds, oxygen containing compounds, color bodies of the kind such as herein described and mixtures thereof, said process comprising the steps of :

(a) contacting a liquid feedstream comprising said hydrocarbon feedstock at least one impurity and a desorbent of the kind such as herein before described with an adsorbent of the kind such as herein described under conventional conditions suitable for adsorption of said at least one impurity by said adsorbent to produce an impurity-loaded adsorbent and an adsorption effluent stream;

(b) desorbing said impurity loaded adsorbent to produce a desorption effluent stream comprising said hydrocarbon feedstock and said desorbent characterised in that said desorbent is an alkyl substituted benzene and

(c) at least one effluent stream selected from the group consisting of said adsorption effluent stream and said desorption effluent stream is recycled to said liquid feedstream until said liquid feedstream comprises an amount up to about 5% of said desorbent thereby producing said purified hydrocarbon feedstock.



(Compl. Specn. : 29 pages; Drg. : 1 sheet)

Ind. Cl. : 14 D-2 184407

Int. Cl.[4] : H 01 M 8/00

"A METHOD OF MANUFACTURING A MONOLITHIC SOLID OXIDE FUEL CELL".

Applicant : ALLIED-SIGNAL INC, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELWARE, UNITED STATES OF AMERICA, OF COLUMBIA ROAD AND PARK AVENUE, MORRIS TOWNSHIP, MORRIS COUNTY, NEW JERSEY 07962, UNITED STATES OF AMERICA.

Inventor(s) :
NGUYEN Q. MINTH (U.S.A.)
CRAIG R. HORNE (U.S.A)

Application for Patent No 587/Del/91 filed on 2-7-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

12 Claims

A method of manufacturing a monolithic solid oxide fuel cell comprising the steps of :

mixing ceramic powders required to make an anode, a cathode, an electrolyte, and an interconnect, each individually with a binder to form a batch of each of said materials;

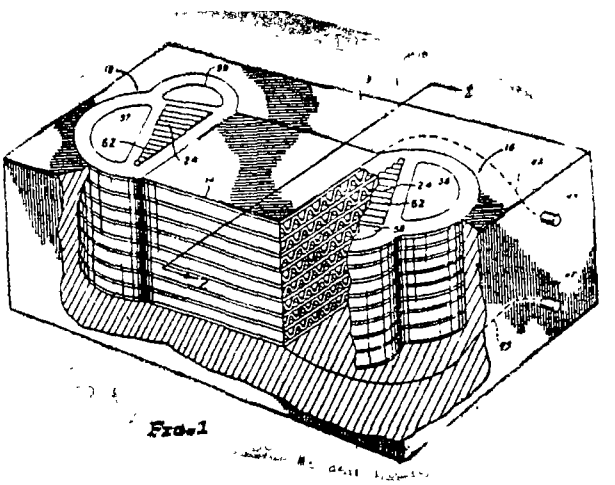
forming thin tapes of each of said material batches;

attaching said anode tape to said electrolyte tape and said cathode tape on an opposite side of said electrolyte tape to form a trilayer electrolyte tape;

shaping said trilayer electrolyte tape to form fuel flow pathways extending along said anode, and oxidant flow pathways extending along said cathode of said trilayer electrolyte tape;

cutting said trilayer electrolyte tape to form a plurality of trilayer electrolyte elements having a dsired gross net shape;

cutting said interconnect tape to form a plurality of interconnect interconnect elements having a desired gross net shape; characterised by heating said trilayer electrolyte elements and said interconnect elements to a temperature sufficient to cause removal of the binder and at least initiate sintering of the respective ceramic materials; stacking a plurality of said at least partially sintered trilayer electrolyte elements alternately with a plurality of said interconnect elements, subsequen to said heating etsp, to form a stacked array; and processing said stacked array to connect the contacting surfaces of said alternately stacked trilayer electrolyte and interconnect elements.



(Compl. Specn. : 27 pages; Drwgs. : 6 sheets)

Ind. Cl. : 39 E. 184408

Int. Cl.[4] : C 01 B 33/20.

"A PROCESS FOR THE PREPARATION OF NOVEL CRYSTALLINE BOROSILICATE CATALYST."

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

PAUL RATNASAMY—INDIA

VASUDEO PANDURANG SHIRALKAR—INDIA

MALAYIL JOSEPH EAPEN——INDIA AND

KANDIMALLA SATYA NARAYANA REDDY—INDIA.

Application for Patent No. 651/Del/91 filed on 19th Jul. 1991

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

6 Claims

A process for the preparation of novel crystalline borosilicate catalyst having in its anhydrous form a composition in terms of mole ratios of oxide of the formula :

(1.0—2.5) R_2O : (0.5—1.2) M_2O : B_2O_3 : (10—200) SiO_2 : Z H_2O.

wherein M represents a mixture of monovalent cation selected from alkali metal, ammonium and hydrogen. R is an organic ammonium cation and Z is O to 30, the said crystalline material being characterized by a X-ray powder diffraction pattern as given in Table-1 as herein described which comprises reacting aqueous solution of boric acid, alkali metal salt and a source of silicon with an organic ammonium cation having the formula R_4-N-X, where R represent CH_3-CH_2 and X represents hydroxide or bromide, heating the resulting gel at autogenous pressure under stirring conditions at a temperature in the range of 100—160°C for a period ranging from 3 to 30 days, filtering, washing, drying and calcining the resultant solid material by heating at a temperature between 440—460°C, to obtain crystalline borosilicate catalyst having predominantly alkali metal as the monovalent cation, treating the same by conventional ion exchange with an aqueous solution of an ammonium salt to obtain the catalyst having predominantly ammonium as the monovalent cation, calcining at a temperature in the range of 400—440°C to obtain a crystalline borosilicate catalyst having predominantly hydrogen as the monovalent cation.

(Compl. Specn. 16 Pages Drgns. : Nil Sheet)

Ind. Cl. : 32 E. 184409

Int. Cl.[4] : C 08 G, 8/00.

"AN IMPROVED PROCESS FOR THE PREPARATION OF LIGNIN-PHENOL-FORMALDEHYDE RESIN."

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFF MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

GANDAVARAPU VENKATARAMANA REDDY—INDIA

KALATHUR SABDHAM VANGEEPURAM SRINIVASAN—INDIA AND

SAMBOSANKRAN RAJADURAI—INDIA.

Application for Patent No. 654/Del/91 filed on 19th July 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

5 Claims

An improved process for the preparation of lignin-phenol-formaldehyde resin, which comprises reacting lignin, phenol and formaldehyde in the presence of 1% v/w, of sulfuric acid as catalyst, the ratio of formaldehyde to phenol being kept in the range between 1.0 at 1.05, the amount of lignin being ranged from 10.65 to 29.50 parts by weight per 100 parts of phenol, the reaction being effected by heating with steam for a period ranging from 5 to 7 hours depending on the lignin content in the initial reaction mixture.

(Compl. Specn. 10 Pages Drgn. Nil Sheet)

Ind. Cl. : 29 (2) 184410

Int. Cl.[4] : G 06 F 1/00.

"A DIGITAL COMPUTER DEVICE FOR SEARCHING FOR INSTRUCTIONS IN AN ORIGINAL COMPUTER PROGRAM AND TRANSLATING THE INSTRUCTIONS."

Applicant : DIGITAL EQUIPMENT CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 146 MAIN STREET, MAYNARD MASSACHUSETTS 01745, UNITED STATES OF AMERICA.

Inventor : RICHARD LEE SITES—U.S.A.

Application for Patent No. 695/Del/91 filed on 30-07-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

2 Claims

A digital computer device for searching for instructions in an original computer program and translating the instructions that are found to generate a translated program, each of said instructions having a respective program address in said computer; computer program including that transfer execution to specified addresses and that together with the program addresses of said instructions define an execution sequence for said instructions, said execution sequence beginning at an entry point address in said program; said instructions also including instructions that specify operations that modify contents of memory at specified memory addresses, and instructions that specify operations that modify contents ata specified addresses and instructions that specify operations that modify contents of specified general purpose registers, said program including at least one execution transfer instruction specifying a transfer of program execution to a destination address in said program determined from contents of a specified one of said general purpose registers; said digital computer device comprising in combination :

(a) a decoder (20) comprising a program (84) analyser connected for the computer for decoding instructions beginning at said entry point address, and when decoding said instructions recognizing that said execution transfer instruction has a destination address determine by the contents of a aspecified one of said general purpose registers; and there upon performing a search as herein before described at least one value of said destination address;

(b) an instructions (83) decoder connected to said the program (84) analyzer for decoding instructions beginning at the destination address found for the execution transfer instruction; and

(c) a translator (80) operatively connected to the instructions decoder for translating the decoded instructions to generate said translated program.

(Compl. Specn. 140 Pages Drgns. : 28 sheets)

Ind. Cl. : 32E 184411

Int Cl.[4] : B 01 J 29/4, C 08 F 110/00.

"A CONTINUOUS PROCESS FOR POLYMERISATION OF ALPHA--OLEFINS".

Applicant : BP CHEMICALS LIMITED, A BRITISH COMPANY, OF BELGRAVE HOUSE, 76 BUCKINGHAM PALACE ROAD, LONDON SWIW OSU, ENGLAND

Inventors :
ANDRE MARTENS—FRANCE
FREDERIC ROBERT MARIE MICHEL MORTEROL --FRANCE
CHARLES RAUFAST—FRANCE.

Application for Patent No. 761/Del/91 filed on 21-08-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

9 Claims

A continuous process for the polymerization of an alpha-olefin having from 2 to 12 carbon atoms in a gas phase polymerization reactor comprising contacting a gaseous reaction mixture containing said alpha-olefin with a catalyst system of the Ziegler-Natta type comprising a solid catalyst consisting of at least one compound of a transition metal belonging to groups IV, V or VI of the Periodic Table of the elements, and a co-catalyst consisting at least one organometallic compound belonging to groups II or III of the Periodic Table, preferably the presence of a chain limiter and a comonomer of the kind soch as herein before described and a temperature of 0 to 120°C and pressure of 0.5 to 5 Mpa, said process being characterised in that the said alpha-olefin is fed into the polymerization reactor at a constant rate wherein said rate does not vary by more than 5% and ratio of quantities does not vary by more than 10%.

(Compl. Specn 14 Pages Drgn. : 1 sheet)

Ind. Cl. : 32E 184412

Int. Cl.[4] :
B01J 29/04
C08 F2/34, 110/00.

"A CONTINUOUS PROCESS FOR HOMO OR CO-POLYMERISATION OF α-OLEFINS."

Applicant : BP CHEMICALS LIMITED, A BRITISH COMPANY, OF BELGRAVE HOUSE, 76 BUCKINGHAM PALACE ROAD, LONDON SWIW OSU, ENGLAND.

Inventors :
LASZIO HAVAS—FRANCE
CLAUDINE LALANNE-MAGNE—FRANCE.

Application for Patent No. 762/Del/91 filed on 21-08-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

9 Claims

A continuous process for the homo or co-polymerization of an alpha-olefin having from 2 to 12 carbon atoms in a gas phase polymerization reactor comprising contacting a gaseous reaction mixture, containing the Alpha-olefin to be polymerized with a catalyst based on chromium oxide associated with a granular support and activated by a heat treatment preferably in the presence of chain limiter and a co-monomer of the kind such as herein before described, and at a pressure of from 0.5 to 5mPa and at a temperature of 0 to 130°C characterized in that the polymerization reactor is fed with.

(a) alpha-olefin and

(b) said catalyst at constant rate wherein said rate does not vary by more than 5% and ratio of the two quantities does not vary by more than 10%.

(Compl. Specn. 17 Pages Drgn. 1 sheet)

Ind. Cl. : 32 D. 184413

Int. Cl.[4] : C 07 F 5/00.

"COCATALYTIC COMPOSITION WHICH IS USABLE FOR THE POLYMERISATION OF ALPHAOLEFINS."

Applicant :
SOLVAY POLYLEFINS EUROPE-BELGIUM (SOCIETE ANONYME), RUE DU PRINCE AIBERT, 44 B-1050 BRUXELLES, BELGIUM.

Inventor(s) :
PAUL FIASSE—BELGIUM AND
HERVE COLLETTE—BELGIUM.

Application for Patent No. 782/Del/91 filed on 27th August, 1991.

Appropriate office for opposition proceedings Rule 4, (Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

15 Claims

Process for the preparation of a cocatalyst usable for the polymerisation of alpha-olefins and capable of storage, by contacting at a temperature of between 0 and 90°C, an Organoaluminium halide with an electron-donating compound, characterized in that the organoaluminium halide is selected from the compounds corresponding to the general formula :

$$AlR^1_mR^2_nX_p(I)$$

in which

R^1 and R^2 represent identical or different hydrocarbon radical selected from alkyl, alkenyl, aryl, arylalkyl, alkylaryl, alkoxy and aryloxy radicals;

X is a halogen;

m and n each represent any number such that O m 2, and O n 2, and p represents a number such that 1 p 1.3, the sum of m, n and p equaling 3,

in that the electron-donating organic compound is selected from esters, amides and ketones and in that the organo-aluminium halide and the electron-donating organic compound are employed in a mole ratio of organoaluminium halide to electron-donating organic compound of greater than 20 and not more than 150.

(Compl. Specn. : 35 pages; Drg sheets : Nil)

Ind. Cl. : 206 E. 184414

Int. Cl.[4] : C 30 B 1/00.

AN IMPROVED PROCESS FOR CHEMIPLATING FOR INHIBITING VERTICAL HETEROJUNCTIONS ALONG GRAIN BOUAXLORIES OF SEMI-CONDUCTOR THIN FILMS IN THE FABRICATION OF THIN FILMS SOLAR CELLS.

Applicant :
COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG,
NEW DELHI-110 001, INDIA.

Inventor(s) :
ALOK CHANDRA RASTOGI, INDIAN
KOCHUVEEDU SARASWATHI BALAKRISHNAN, INDIAN
SAJI SALKALACHEN, INDIAN.

Application for Patent No. 825/Del/91 filed on 5-9-91.

Appropriate office for opposition proceedings Rule 4, (Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

An improved process for chemiplating for inhibiting vertical heterojunctions of semiconductor thin films, which comprises etching the thin films of semiconductor material

selected Cds, CdTe and ZnSe by conventional methods, applying a negative D. C. voltage in the range of 0.75 to 1.0 volts across the semiconductor thin film(s) which acts as a cathode and a platinum anode followed by dipping for a period of 5 to 7 seconds in halide solution of a metal which is capable of forming heterojunction on the semiconductor thin film.

(Compl. Specn. 14 Pages; Drgs. Nil Sheets)

Ind. Cl. : 195D. 184415

Int. Cl.[4] : F 16K 17/00.

"A FLOW RATE REGULATOR VALVE".

Applicant :
ALSTHOM FLUIDES SA:PAG.
A FRENCH BODY COR.CRATE OF ZONE INDUSTRIELLE CROIX DE METZ-B. P. 39 54202 TOUL CEDEX, FRANCE.

Inventor(s) :
THIERRY FOURNIER-FRANCE,
JEAN-PIERRE TRUFFAUT-FRANCE.

Application for Patent No. 843/Del/91 filed on 10-09-91.

Appropriate office for opposition proceedings Rule 4, (Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

A flow rate regulator valve comprising :—

a valve body (2) constituting an enclosure;
an inlet orifice (5) to said valve body (2) for enabling a liquid to enter into the valve body (2), said liquid having an inlet pressure;

an outlet orifice (8) to said valve body (2) enabling said liquid to leave said valve body, (2) the liquid having an outlet pressure which exhibits a pressure drop relative to said inlet pressure to the liquid passing through the valve; (2)

a regulation shutter member (12) and means for mounting said shutter member for vertical movement in said valve body (2) between a low position and a high position;

regulator passage means (13) for said liquid which is closable by said regulation shutter member (12) to a varying extent which increases as said shutter member (12) moves towards said high position, such that said liquid is subjected to a variable regulating pressure drop as it passes through said regulator passage, (13 said pressure drop constituting a first fraction of said pressure drop to which the liquid is subjected on passing through the valve;

characterised by said regulation shutter member (12) being a portion of a moving assembly, (12, 15) a piston (15) forming a portion of said moving assembly (12, 15) and having a lower surface (15c) and an upper surface (15a) which are subjected to the pressure of said liquid respectively in a zone beneath said piston (15) and in a zone above said piston (15) and a driving passage (16) taken by the liquid between a zone upstream from the driving passage (16) and a zone downstream from the driving passage (16) which zones are respectively in communication with said zones beneath said piston (15) and the zone above said piston, (15) whereby said liquid is subjected to a driving pressure drop on passing through said passage, (16) which pressure drop is a second fraction of said pressure drop to which the liquid is subjected on passing through the valve, (2) and applies an upwards froce on said piston (15) that increases with increasing liquid flow rate;

said valve body (2) having a transverse intermediate partition dividing it into a lower chamber (4) and an upper chamber, (7) and having a communication orifice: (10)

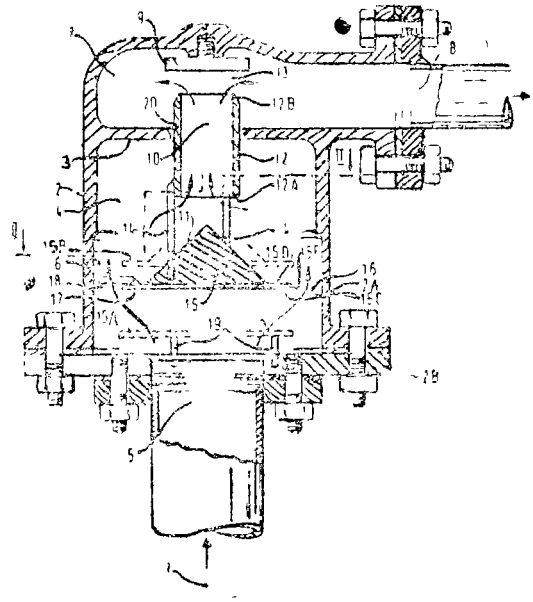
said moving member (12) being in the form of a vertical shutter tube sliding in said communication orifice (10) and having a bottom edge (12a) which is situated in said lower chamber (7) and a top edge (12) which is situated in said upper chamber; (4)

said regulator passage (13) being formed between said top edge (12b) and a regulation seat (9) carried by said valve body; (2)

said driving passage (16) being an annular passage formed between an inner lip (15c) constituted by a peripheral portion of said piston (15) and an outer lip constituted by an inside surface of said valve body, (2) facing said inner lip, (15e) one of said inner and outer lips constituting a cylindrical liner (6) having vertical generator lines, and

wherein said assembly (12, 15) is guided in said valve body (2) by fingers (18) extending over at least a portion of a gap formed between said moving assembly (12, 15) and said body, (2) and wherein said fingers (18) are angularly distributed around said moving assembly (12, 15).

FIG.1



(Compl. Specn. . 13 pages; Drg. sheets 3)

Ind. Cl. : 62E 184416

Int. Cl.[4] : C 08 5/08

A DETERGENT COMPOSITION.

Applicant :
THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 45202, UNITED STATES OF AMERICA.

Inventors :
BRUCE PRENTISS MURCH—U.S.A.,
STEPHEN WILLIAM MORRALL—U.S.A.

Application for Patent No. 915/Del/91 filed on 26-09-91.

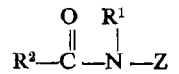
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

11 Claims

A detergent composition comprising one or more anionic, nonionic or cationic detersive surfactants, or mixtures thereof, optional detersive adjuncts and optional auxiliary builders, characterized in that it comprises :—

(a) from 1% to 80% by weight of a zeolite or layered silicate detergency builder, or a mixture thereof; and

(b) from 1% to 50% by weight of a polyhydroxy fatty acid amide material of the formula :—



wherein R^1 is H, C_1-C_4 hydrocarbyl, 2-hydroxy ethyl or 2-hydroxy propyl, or a mixture thereof, R^2 is C_5-C_{31} hydrocarbyl, and Z is a polyhydroxyhydrocarbyl having a linear hydrocarbyl chain with at least 3 hydroxyls directly connected to said chain, or an alkoxylated derivative thereof.

(Compl. Specn. 75 Pages; Drgn. Nil Sheet)

Ind. Cl. : 65 A 184417

Int. Cl.[4] : H 04 R, 17/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF NOVEL CRYSTALLINE MOLECULAR SIEVE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors :

VASUDEO PANDURANG SHIRALKAR, INDIA
MALAYIL JOSEPH EAPEN, INDIA
NALINI EDGAR JACOB, INDIA
KANDIMALLA SATYA NARAYANA REDDY, INDIA.

Application for Patent No. 1034/Del/91 filed on 24-10-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

An improved process for the preparation of noval crystalline molecular sieve, characterized by the X-ray diffraction pattern as here in described and chemical composition in terms of mole ratios of oxides in the anhydrous state by the formula $aM_2O : Ga_2O_3 : bSiO_2$ where M is a monovalent cation selected from alkali metal, ammonium or hydrogen or mixtures thereof and a=0.5-1.0, b=45 or below which comprises (i) mixing a source of silicaon oxide, source of Gallium oxide and source of alkali metal oxide with an organic compound containing quaternary nitrogen in such a manner to have gel composition in mole ratio of 10-60 SiO_2 : Ga_2O_2 : 20 60R_2O : 10-20M_2O : 800-1200H_2O where R is an organic compound containing quaternary nitrogen, (ii) treating the resultant gel at a temperature in the range of 120-170°C under static condition, (iii) quenching the resultant crystalline material in cold water, filtering and washing with water thoroughly, (iv) drying at a temperature in the range of 90-120°C for a period in the range of 4-10 hours, (v) calcining the resulting material in the temperataure range of 450-550°C for a period of 15-24 hours to obtain a molecular sieve having predominantly alkali metal as the monovalent cation, (vi) further treating by known methods the said molecular sieve with an aqueous solution of ammonium compound to produce a molecular sieve having predominantly ammonium as the monovalent cation and calcining at a temperature in the range of 400-500°C for a period in the range of 9-15 hours to obtain the novel crystalline molecular sieve.

(Compl. Specn. 13 Pages, Drgn. Nil Sheet)

Ind. Cl. : 87 I. 184418

Int. Cl.[4] : A 63H, 13/00.

"A TOY BUILDING SET."

Application : INTERLEGO A G SIHLBRUGGSTRASSE 3 CH-6340 BAAR SWITZERLAND.

Inventor(s) : FLEMMING HOJBEBG OLSEN DENMARK.

Application for Patent No. 1072/DEL/91 filed on 6th Nov. 1991.

Appropriate office for opposition proceedings Rule 4, (Patents Rules 1972) Patent office Branch, New Delhi-110005.

(21 CLAIMS)

A toy building set comprising box shaped building elements (8,9) of a first type having a first type of coupling means (102,202,302,402) including coupling studs on an outer surface thereot and recesses for coupling studs on another building elements of the first type so as to stack building elements of the first type in frictional interconnection.

building elements (500) of a second type having an elongate body with a second type of coupling means (540,522,529,530) allowing establishing a releasable pivotal interconnection of two building elements (500) of the second type, building elements (8,9) of the first type not being directly interconnectable with building elements (500) of the second type, charcterised in that the toy building set comprises building elements (100,400) of a third type having coupling means (102,402) of the first type including said coupling studs (102) on an outer surface there of allowing releasable frictional interconnection with the recesses on building elements (8,9) of the first type, and having coupling means (140,400) of the second type allowing pivotal interconnection with building elements of the second type (500) and said elements (100,400) of the third type being provided with a threaded hole (160 460) for receiving a screw, and building elements of a fourth type (200,300) having recesses for receiving said coupling studs (102, 402) on a building element of the third type (100,400) in releasable frictional interconnection, and having a threaded screw (380) receivable in said threaded hole.

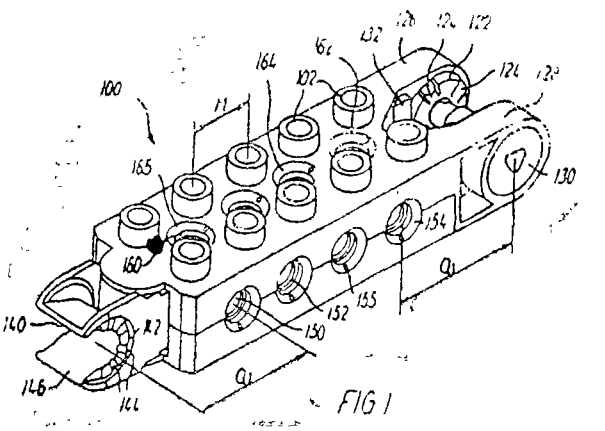


FIG 1

(Complete Specification 30 Pages Drawing Sheets-8).

Ind. Cl. : 87 I. 184419

Int. Cl.[4] : A63 H, 31/00.

"A TOY BUILDING SET."

Applicant : INTERLEGO A. G. SIHLBRUGGSTRASSE 3 CH—6340 BAAR SWITZERLAND.

Inventor(s) : FLEMMING HOJBERG OLSEN—DANISH.

Application for Patent No. 1074/DEL/91 filed on 6th Nov. 1991.

Appropriate office for opposition proceedings Rule 4, (Patents Rules 1972) Patent Office Branch, New Delhi-110005.

(8 CLAIMS)

A toy building set comprising a building element (30) having a preformed threaded hole (35) therein, and a screw (10) having a hollow shank (14) with a threaded section (24) at one end for screwing into the threaded hole (35) in the building element (30) said screw being made of a thermoplastic material, the shank (24) having an engagement area (22) for engaging a complementary (36) engagement area on the building element, when the screw (10) is screwed into the threaded hole (35) in the building element, (30) characterised in that the engagement (22) area on the screw (10) being in the form of conical annular collar spaced from said one end and increasing in redius with increasing distance from the threaded section (24).

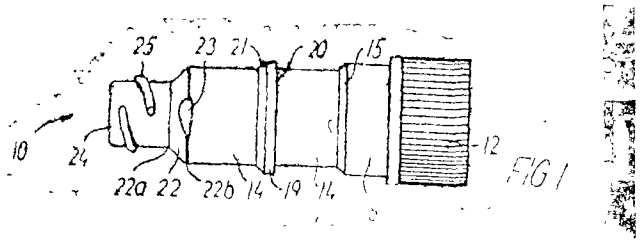


FIG 1

(Complete Specification 13 Pages Drawing Sheet—1)

Ind. Cl.: 32 B 184420

Int. Cl.[4]: C 10 G—33/00 + 43/08.

"A PROCESS FOR THE DEHYDROCYCLIZATIOS OF PARAFFINS IN A CONTAMINANT-FREE HYDROCARBON FEED AROMATICS".

Applicant: UOP, A COMPANY ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, WITH ITS PRINCIPAL OFFICE LOCATED AT 25 EAST ALGONQUIN ROAD, DES PLAINES, ILLINOIS, UNITED STATES OF AMERICA.

Inventors:
ARTHUR ATHANASIOS FOUTSITZIS, U.S.A.,
FRANK GEORGE PADRTA—U.S.A. AND
MICHAEL BRUCE RUSS, U.S.A.

Application for Patent No. 1097/Del/91 filed on 14-11-91.

Convention date 29-07-91/2,048,066/CA.

Appropriate Office for Opposition Proceedings Rule 4, (Patentc Rules, 1972), Patent Office Branch, New Delhi-110 005.

11 Calims

A process for the dehydrocyclizzation of paraffins in a contaminant-free hydrocarbon feed to yield aromatics, using an improved process of start-up to obtain extended catalyst life of a contaminant-sensitive dehydrocyclization catalyst of the kind such as herein before described wherein the said process comprising:

(a) introducing a hydrocarbon solvent into the process in the absence of said catalyst at contaminant-purging conditions to purge contaminants therefrom until contaminant purging is substantially complete and the process is contaminant-free, and withdrawing the hydrocarbon solvent containing the purged contaminants; thereafter

(b) loading the contaminant-sensitive catalyst into the contaminant-free process; and

(c) introducing the contaminent-free hydrocarbon feed into the process and contacting the hydrocarbon with the contaminant-sensitive catalyst at hydrocarbon-conversion conditions to dehydrocyclize the paraffins to yield aromatics.

(Compl. Specn. 17 Pages; Drgn. Sheet Nil)

LEAVE GRANTED UNDER RULE 123 OF THE PATENT RULE, 1972

In pursuance of leave granted under Rule 123 of the Patents Rule, 1972 the application No. 380/Cal/94 (181464) made by Mitsui Petrochemical Industries Ltd. has been allowed to proceed in the name of Mitsui Chemicals, Inc.

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970, the application No. 409/Cal/94 (181566) made by Wheelabrator Engineered Systems, Inc. has been allowed to proceed in the name of IP Holding Company.

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 the application No. 914/Cal/94 (181603) made by Harnischfeger Corporation has been allowed to proceed in the name of Harnischefger Technologies Inc.

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 the application No. 783/Cal/94 (181956) made by the Babcock Wilcox Company has been allowed to proceed in the name of Mcdermott Technology Inc.

In pursuance of leave granted under Section 20(1) of the Patent Act, 1970, the application No. 554/Cal/94 (181886) made by the Babcock & Wilcox Company has been allowed to proceed in the name of Mcdermott Technology, Inc.

In pursuance of leave granted under Section 20 (1) of the Patent Act, 1970, the application No. 550/Cal/94 (182254) made by Fabritex S.R.L. & Conti Florentia S.R.L., has been allowed to proceed in the name of Fabritex S.R.L. to Sangiacomo S.P.A.

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 the application No. 591/Cal/95 (183235) made by F F Seeley Nominees Pty. Ltd. has been allowed to proceed in the name of William Allen Trusts Pty. Ltd.

In pursuance of leave granted under Section 20(1) of the Patent's Act, 1970 the application No. 598/Cal/95 (183732) made by Lyondell Petrochemical Co., has been allowed to processd in the name of Equistar Chemicals LP.

AMENDMENT PROCEEDING UNDER SECTION 57

The amendments proposed by Widia GmbH, in respect of Patent Application No. 181916 (579/Cal/94) as advertised in Part-III, Section 2 of the Gazette of India on 25-09-99 and no opposition being filed within the stipulated period, the said amendments have been allowed.

LIST OF CESSATION

175544 177927 178241

PATENT SEALED ON 21-07-2000

181603 181641 181675 18109*F 181956 182119*F 182333 182948*D 183235* 183312 183362* 183443 183446 183447 183453 183461 183462 183463* 183464* 183467 183468 183469 183470 183471 183472 183473 183476 183477* 183478 183480* 183493 183494 183495.

CAL—21, DEL—NIL, MUM—12, CHEN—NIL.

*Patent shall be deemed to be endoresed with words LICENCE OF RIGHT under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. Nos. 180992 to 180995, Rameshwarlal Sajjan Kumar, An Indian National of 51, Ezra Street, Calcutta-700001, West Bengal, India, "CEILING FAN", 7 December, 1999.

Class 1. No. 180974, Samay Electronics Pvt. Ltd., An Indian company of Ajanta complex, Guest House Road, P.O. Box No. 210, Morbi-363 641, Gujarat, India, "CLOCK", 6 December, 1999.

Class 1. No. 180976, Samay Electronics Pvt. Ltd., An Indian Company of Ajanta Complex, Guest House Road, P.O. Box No. 210, Morbi-363 641, Gujarat, India, "CLOCK", 6 December, 1999.

Class 1. No. 181842, Picasso Home Product, An Indian Partnership Firm of 1st Floor, Near Check Post, Dabhel, Nani Daman, Daman (U.T.), India, "HOT PLATE", 10 March, 2000.

Class 1. No. 181843, Picasso Home Product, An Indian Partnership Firm of 1st Floor, Near Check Post, Dabhel, Nani Daman, Daman (U.T.), India, "TOASTER", 10 March, 2000.

Class 1. No. 180823, Kalpana Industries, An Indian Partnership Firm of 405/A, Byculla Service Industries, Dadoji Konddeo X Road, Byculla, Mumbai-400 027, Maharashtra, India, "DESK CLOCK", 18 November, 1999.

Class 1. No. 181004, Mrs. S. Janaki, Indian of Post Box No. 25, Door No. 27, Bharathi Street, Gobichettipalayam-638 452, Erode Dt Tamil Nadu, India, "PLOUGH", 9 December, 1999.

Class 1. No. 180973, Lifelong Appliances Ltd., An Indian Company of 4/14, Asaf Ali Road, New Delhi-110 002, India, "GAS STOVE", 6 December, 1999.

Class 1. No. 180860, Shree Rang Industries, An Indian Partnership Firm of Plot No. C, Serve No. 520/1, Shree Rang Industrial Estate, Visnagar-Uniha Road, Kansa-384 315, Visnagar, Gujarat, India, "ELECTRIC STIRRER", 24 November, 1999.

Class 1. No. 181000, M/S. Clitics Transformer Corporation, An Indian Proprietorship Concern whose Proprietor is Mr. Gulam Mustafa, Indian of E 3/287, Shaheed Nagar, Agra, (U.P.), India, "INVERTER", 9 December, 1999.

Class 1. No. 180863, Joginder Singh Tejvinder Singh, Indian, An Indian Partnership Firm of Gill Road, Miller Ganj, Ludhiana, Punjab, India, "PEDALS FOR BICYCLES", 25 November, 1999.

Class 1. No. 180179, M/s. Sunrise Glass Emporium, An Indian Proprietorship Firm whose Proprietor is Mr. Ramji Lal Gupta Indian of 26, Ezra Street, (Inside Church), Calcutta-700 001, West Bengal, India, "LIGHTSHED CENDULAR", 16 August, 1999.

Class 3. No. 180822, Kalpana Industries, An Indian Partnership Firm of 405/A, Byculla Service Industries, Dadoji Konddeo X Road, Byculla, Mumbai-400 027, Maharashtra, India, "DESK CLOCK", 18 November, 1999.

Class 3. No. 180825, Rolex Plasto Industries, An Indian Partnership Firm of Plot No. 814-A, Near Kothari Industrial Estate, Santej, Taluka-Karol, Distt. Mehsana (Gujarat), India, "FLOWER VASE", 18 November, 1999.

Class 3. No. 180874, Rolex Plasto Industries(An Indian Partnership Firm of Plot No. 814-A, Near Kothari Industrial Estate, Santej, Taluka-Karol, Distt. Mehsana (Gujarat), India, "PEN STAND", 26 November, 1999.

Class 3. No. 180997, Nilkamal Plastics Ltd., An Indian Company of Plot No. 971-1A, Sinnar Taluka Industrial Co-operative Estate, Sinnar Shirdi Road, Sinnar-422 103, Maharashtra, India, "CHAIR", 8 December, 1999.

Class 3. Nos 180297 & 180298, Cona Industries, An Indian Sole Proprietory Firm of 20/21, Neeraj Industrial Estate, Off Mahakali Caves Road, Andheri (East), Mumbai-400 093, Maharashtra, India, Whose proprietor is Prakash Naraindas Motwani, Indian of Garden Queen, Santacruz (West), Mumbai-400 054, Maharashtra, India, "ELECTRIC SWITCH", 7 September, 1999.

Class 4. No. 180876, M/s. McDowell & Company Limited, An Indian Limited Company of "Le Parc Richemonde, No. 51, Richemond Road , Bangalore-560 025, India, "BOTTLE", 26 November, 1999.

Class 5. No. 180824, Kalpana Industries, An Indian Partnership Firm of 405/A, Byculla Service Industries, Dadoji Konddeo X Road, Byculla, Mumbai-400 027, Maharashtra, India, "DESK CLOCK", 18 November, 1999.

Class 8. No. 181018, Shed, An Indian Proprietory Firm whose proprietor is Smt. Preeti Gupta, Indian of 256, Jaggi Market, Mayur Vihar, Phase-I, Patparganj, Delhi-110 092, India, "FLOOR COVERING", 10 December, 1999.

Class 8. No. 181028, Shed, An Indian Proprietory Firm whose Proprietor is Smt. Preeti Gupta, Indian of 256, Jaggi Market, Mayur Vihar, Phase-1, Patparganj, Delhi-110 092, India, "FLOOR COVERING", 10 December, 1999.

Class 8 No. 181047, Shed, An Indian Proprietory Firm whose Proprietor is Smt. Preeti Gupta, Indian of 256, Jaggi Market, Mayur Vihar, Phase-1, Patparganj, Delhi-110 092, India, "FLOOR COVERING", 10 December, 1999.

Class 10. No. 181108 & 181109 Mrs. Raj Bala Bansal, Indian of Satija Handloom Factory S 92, Phase-1, Badli Estate, Delhi, India, "SHOE", 20 December, 1999.

Class 10. No. 180968, Liberty Shoes Limited, An Indian Company of Liberty House Extension, Railway Road, Karnal-132 001 (Haryana), India, "SHOE SOLE", 6 December, 1999.

Class 10. No. 180836, Ani Polimers (India) Ltd., An Indian Company of J-17, Udyog Nagar, New Delhi-110 041, India, "FOOTWEAR SOLE", 19 November, 1999.

Class 12. Nos. 181451 & 181452, Asish Goyal, Indian of Designers Vogue (India) Private Limited, Narayan Chembers, 555, Narayan Peth Pune-411 030 Maharashtra, India, "INSENCE STICK", 28 January, 2000.

K. K. MODAK
Asstt. Controller of Patents & Designs

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 2000